4322

METEOROLOGICAL OFFICE

LONDON.

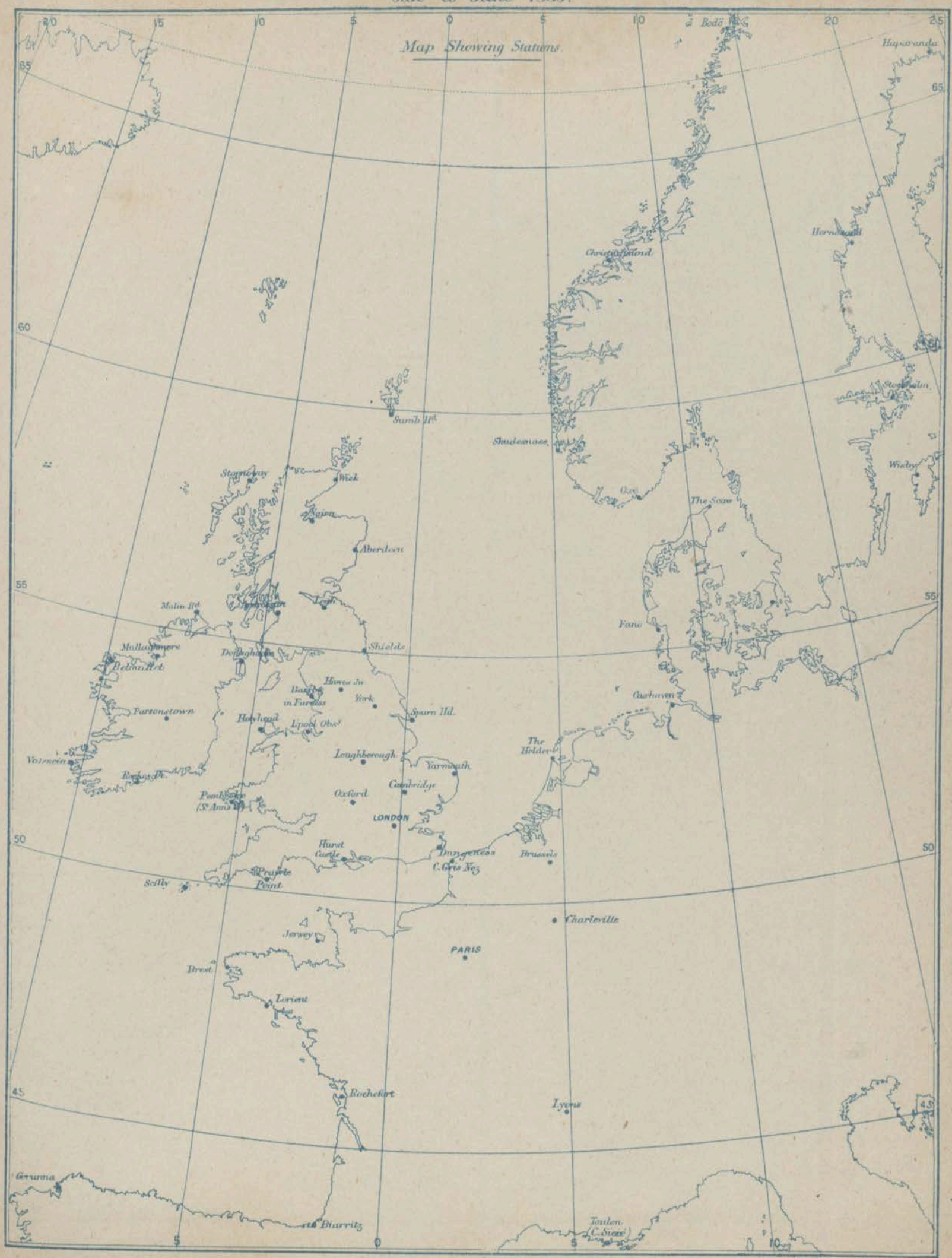
DAILY WEATHER REPORTS.

1st JANUARY—30th JUNE.

1885.

DAILY WEATHER REPORT.

Jan to June 1885.



Frest. Dangerfield lith. London.

DAILY WEATHER REPORT

for Monday 1st June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force (0 to 12)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.59	36	W	2	bc	29.61	+ .04	39	38	— 4	S	2	o	*	46	30	—
Hernösand ...	29.63	49	S	2	bc	29.64	+ .06	49	44	— 1	NNE	2	c	*	55	41	—
Stockholm ...	29.68	48	L	0	o	29.61	— .06	55	50	0	L	0	b	*	63	45	0.04
Wisby	29.70	50	SSW	4	b	29.65	— .13	47	46	— 3	NW	4	r	*	64	48	0.04
Bodö	29.66	41	WNW	2	o	29.67	+ .04	43	41	— 1	WSW	4	c	2	?	37	—
Christiansund...	29.69	42	NNE	3	f	29.85	+ .22	43	39	— 6	W	3	c	3	50	37	0.04
‡Skudesnaes ..	29.71	48	WNW	4	c	29.86	+ .17	46	42	— 3	NW	8	c	4	54	48	—
Oxö (Xtiansand).	29.66	49	W	2	o	29.71	— .07	53	49	+ 4	NW	6	b	2	54	46	—
Skagen (The Skaw)	29.68	49	W	3	o	29.65	— .16	52	49	0	NNW	3	b	2	57	46	0.04
Fanö	29.82	50	W	6	c	29.84	.00	51	48	— 4	NW	6	c	*	57	46	0.08
Cuxhaven ..	29.95	52	NW	5	r	29.98	— .03	56	55	— 3	NW	6	bc	*	59	52	0.04
‡Sumburgh Head	29.96	50	NW	4	c	30.07	+ .49	43	41	— 5	N	4	c	2	5	43	0.03
‡Stornoway ...	29.97	52	WNW	4	c	30.22	+ .43	49	46	— 2	N	3	og	2	55	43	0.02
Wick	29.90	51	NW	4	o	30.19	+ .41	46	44	— 6	NW	3	bc	3	56	49	0.04
Nairn	29.93	53	W	2	bc	30.20	+ .44	49	46	— 1	W	1	c	0	56	45	0.05
‡Aberdeen... ...	29.92	57	NW	6	c	30.18	+ .42	51	46	— 4	NNW	6	c	2	60	45	0.03
Leith ...	29.97	59	W	5	b	30.18	+ .34	57	50	+ 3	WNW	1	bc	*	62	46	—
‡Shields	29.96	58	W	4	c	30.19	+ .20	51	48	— 3	NNE	2	o	2	60	46	—
Spurn Head ...	30.02	56	W	5	b	30.16	+ .21	52	50	— 1	NNW	4	bc	2	57	47	—
York	30.05	59	W	3	bc	30.20	+ .22	55	49	+ 1	NNW	2	b	*	60	43	—
Loughborough	30.10	59	WNW	5	b	30.23	+ .29	56	51	+ 2	WNW	4	bw	*	61	45	—
‡Ardrossan ...	30.04	54	W	3	o	30.22	+ .30	55	52	+ 5	WNW	4	b	3	56	47	—
Malin Head ...	30.12	52	WNW	5	bc	30.25	+ .29	51	49	+ 2	NNW	3	b	3	54	47	—
‡Mullaghmore ...	30.14	54	WNW	5	b	30.29	+ .26	52	50	+ 1	WSW	3	b	2	56	50	—
‡Belmullet ...	30.13	54	W	2	b	30.24	+ .21	55	51	+ 2	S	1	b	*	56	44	—
Donaghadee ...	30.12	54	NW	2	o	30.27	+ .27	53	49	+ 1	ENE	4	bc	2	58	46	—
Barrow-in-Furness	30.10	53	NW	3	c	30.30	+ .21	53	49	— 1	NW	3	bc	*	58	49	—
Liverpool (Bidston)	30.10	57	W	4	b	30.25	+ .22	54	49	+ 2	WNW	1	b	3	58	47	—
‡Holyhead ...	30.14	54	WSW	3	c	30.28	+ .21	58	54	+ 5	NW	3	bc	2	59	48	—
Parsonstown ...	30.14	59	W	1	o	30.30	+ .21	55	53	+ 3	L	0	b	*	60	45	—
‡Valencia	30.15	58	SW	1	c	30.25	+ .19	57	56	+ 3	SSW	1	o	1	58	51	0.09
Roche's Point .	30.19	54	SSE	2	o	30.30	+ .19	54	52	+ 2	SSE	1	c	3	58	48	0.08
Pembroke ...	30.16	53	W	2	*	30.27	+ .16	53	51	+ 2	E	1	b	3	55	48	—
‡Scilly	30.17	55	SW	3	m	30.23	+ .13	55	55	0	NNE	3	f	3	57	55	0.06
Prawle Point ...	30.20	52	SSW	2	f	30.27	+ .11	57	56	+ 5	E	1	b	1	57	50	0.02
Hurst Castle ...	30.18	54	WSW	5	c	30.27	+ .14	55	53	+ 1	ENE	2	b	2	64	44	—
‡Dungeness ...	30.10	57	WNW	4	c	30.23	+ .20	60	54	+ 6	NW	3	b	2	62	49	—
‡London	30.11	61	W	2	c	30.24	+ .16	57	51	— 1	WNW	1	b	*	66	46	—
Oxford	30.15	56	WSW	3	b	30.26	+ .18	55	50	+ 1	NNW	1	bc	*	63	44	—
Cambridge ...	30.13	58	NW	1	bc	30.21	+ .16	57	51	+ 3	WNW	1	b	*	64	46	—
‡Yarmouth ...	30.06	59	WNW	3	bc	30.18	+ .18	55	50	— 2	NW	3	bc	3	65	46	—
The Helder ...																	
Cape Gris Nez...	30.11	54	W	5	o	30.19	+ .17	55	53	+ 2	W	1	b	1	57	52	—
‡Jersey	30.21	55	WNW	1	o	30.25	+ .08	53	53	+ 1	L	0	om	3	59	51	0.03
Brest	30.25	53	W	3	m	30.26	+ .08	54	53	+ 1	WNW	3	m	3	54	50	—
Lorient	30.26	56	W	5	o	30.26	+ .07	55	55	+ 2	WNW	5	m	3	63	46	—
‡Rochefort ...	30.26	61	W	5	b	30.31	+ .06	56	55	— 3	NW	4	m	2	70	50	—
Biarritz	30.29	61	NW	3	o	30.28	+ .02	59	57	0	E	1	o	0	64	57	—
Coruanna	*	*	*	*	*												
Brussels	*	*	*	*	*	30.18	+ .17	56	51	— 3	WNW	3	c	*	64	52	—
Charleville ...	? 30.14	59	W	5	b	? 30.20	+ .13	52	48	— 3	WNW	3	bc	*	64	45	—
Paris	30.20	67	WSW	3	o	30.26	+ .11	60	55	— 1	L	0	o	*	*	*	—
Lyons	30.16	66	NW	3	bc	30.20	+ .02	62	59	— 3	NNW	3	b	*	44	57	—
Toulon	30.04	70	NW	4	b.	29.97	— .09	64	57	— 7	N	4	c	3	81	69	—

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Frederick Hungerford Lith London

WEATHER CHARTS

for 8 a.m. on Monday 1st June 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

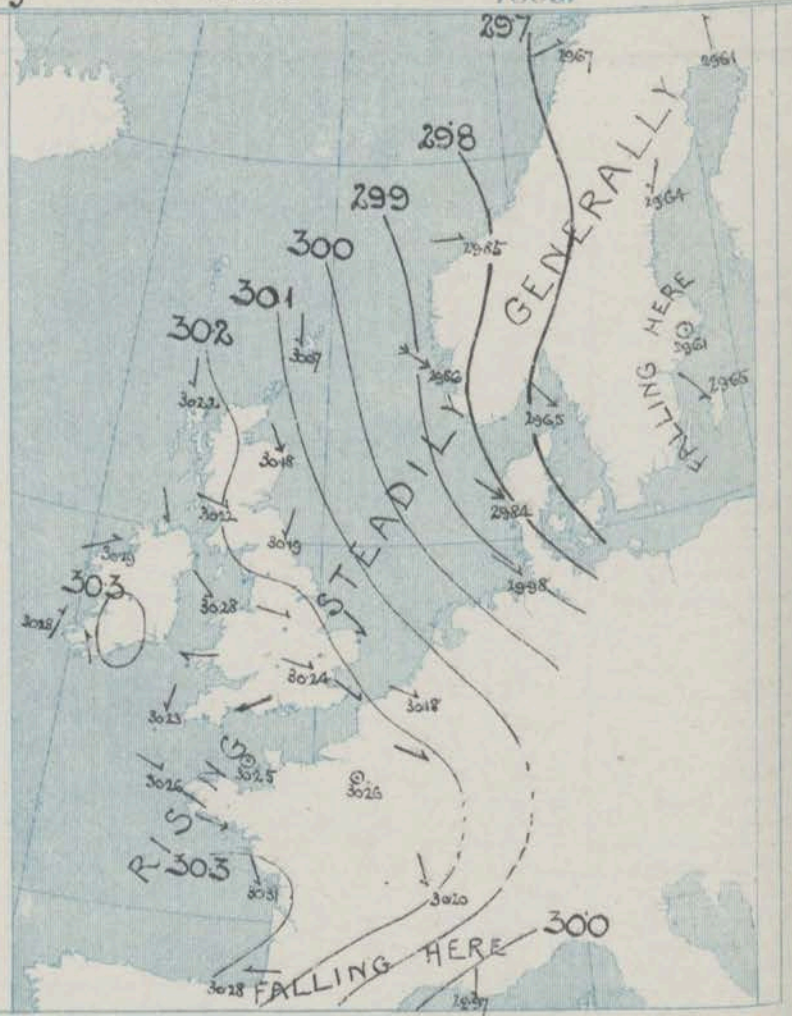
» ⟶ = forces above 10, ⟶ = forces 6 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shown thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. in.
Sumburgh Head	29·860
Stornoway	29·832
Wick	29·861
Nairn	29·868
Aberdeen	29·876
Leith	29·892
Shields	29·918
York	29·936
Ardrossan	29·895
Donaghadee	29·898
Holyhead	29·929
Liverpool	29·930
Valencia	29·929
Roche's Point	29·929
Pembroke	29·937
Scilly	29·971
Hurst Castle	29·969
Dover	29·962
LONDON	29·963
Oxford	29·953
Cambridge	29·960
Yarmouth	29·956



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

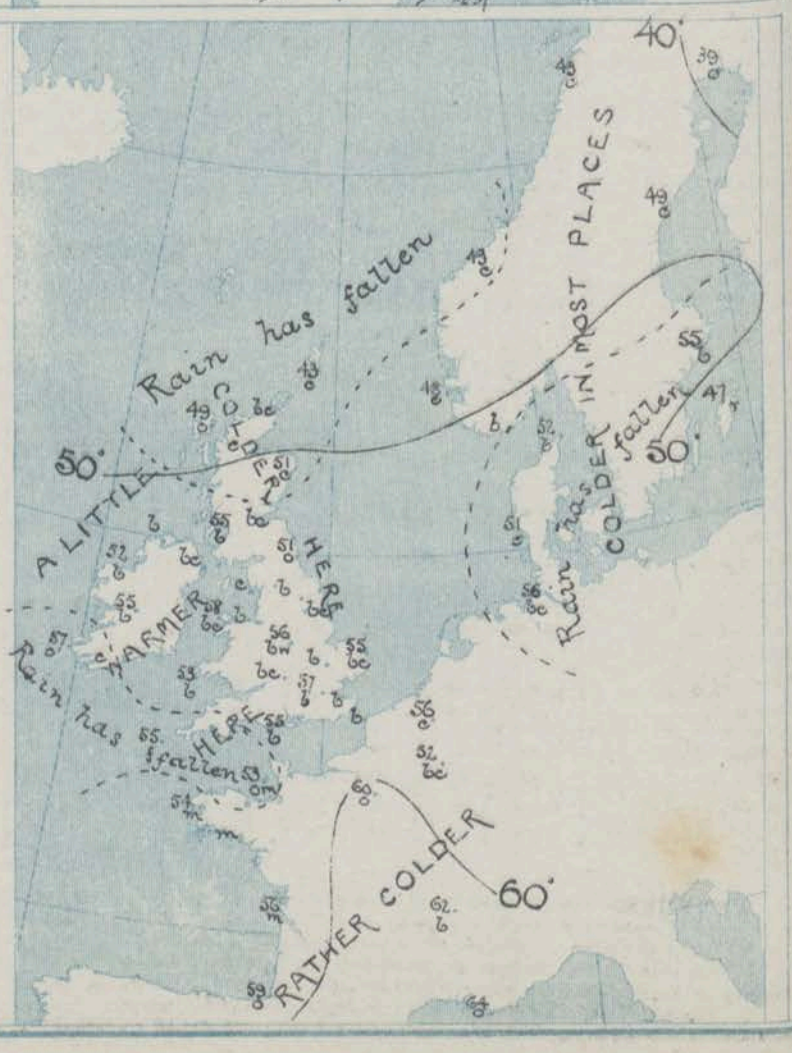
Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*
Weather is shown by Letters of the Beaufort Scale.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry	At 8 a.m. Wet.	RAINFALL (Inches).
Sumburgh Head	54·9	45·5	50·7	49·1	2·04
Stornoway	58·3	46·4	54·2	51·7	3·03
Wick	59·2	46·0	53·3	50·7	1·59
Nairn	62·7	48·4	54·8	50·8	2·00
Aberdeen	61·5	48·2	54·8	51·1	1·87
Leith	65·2	48·4	56·4	53·1	1·96
Shields	61·2	50·1	55·2	51·9	1·76
York	66·5	48·6	56·6	53·2	2·47
Ardrossan	63·1	50·6	55·6	52·1	2·77
Donaghadee	61·4	49·4	55·4	53·3	2·12
Holyhead	62·5	52·1	55·7	53·3	1·98
Liverpool	64·2	51·2	56·9	53·0	1·87
Valencia	62·0	51·3	56·9	53·9	3·52
Roche's Point	66·1	51·5	56·8	53·6	3·36
Pembroke	61·2	51·8	55·4	53·2	2·07
Scilly	61·5	53·4	57·2	55·2	1·89
Hurst Castle	64·1	52·7	58·1	55·9	1·98
Dover	63·8	53·5	59·1	55·5	1·76
LONDON	70·0	50·7	59·5	55·3	2·24
Oxford	67·8	49·1	57·2	53·9	2·22
Cambridge	69·4	49·0	58·1	54·9	2·30
Yarmouth	62·6	51·7	57·2	54·4	2·12

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Monday 1st JUNE 1885, at 8 a.m.

The depression which lay to the northward of our islands yesterday, and the low pressure area over Sweden have both moved away in an easterly direction, and the barometer has risen generally. A large anticyclone now lies over our western, southern and the French stations, the highest readings of all being reported from the south of Ireland and south west of France. Light easterly airs are blowing in the south west of England and S'ly airs in the west of Ireland, but elsewhere the wind is NW'ly or N'ly, and on the eastern shores of the North Sea it blows strongly. Fair or fine weather is reported generally, but fog prevails at Scilly and mist in the west of France. A little rain fell yesterday at some of our southwestern and extreme northern stations. Temperature has risen a little on our western and southern coasts but fallen elsewhere; readings over our islands now range from 60° at Dungeness to 43° in the Shetlands. The highest maxima registered yesterday were 66° in London, 65° at Yarmouth and 64° at Hurst Castle and Cambridge. The sea is slight or smooth on all coasts.

Anticyclonic conditions seem likely to hold over our islands and fine weather is therefore probable generally.

ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 27th ult in Long: 49° W. Lat: about 46° N.

FORECASTS

for the 24 hours ending at NOON on 2nd JUNE 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NW'ly to W'ly winds, moderate; fair generally.	6 SCOTLAND WEST	Same as Nos 1 and 2.
1 SCOTLAND EAST	NW'ly and W'ly winds, light; fair generally.	7 ENGLAND N.W.	------ D° -------- D° -------
2 ENGLAND N.E.	------- D° -------- D° --------	8 ENGLAND S.W	Variable breezes; fair generally, but some fog or mist.
3 ENGLAND EAST	Same as No 5.	9 IRELAND NORTH	W'ly or SW'ly winds, moderate; fair generally.
4 MIDLAND COUNTIES	------- D° -------- D° -------	10 IRELAND SOUTH	Variable or S'ly breezes; fair generally.
5 ENGLAND SOUTH	NW'ly and N'ly winds, light; fair, warm.	WARNINGS	None issued.

Fredk Dangerfield, Lith. London, (Sl.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.68	53	50	WSW	4	0	4	Holyhead							
Sumburgh Head								Valencia							
Stornoway								Scilly							
Aberdeen								Dungeness							
Shields								London							*
Ardrossan								Yarmouth							
Malin Head								Jersey							
Mullaghmore								Rochefort	30.27	63	58	NW	5	0	2
Belmullet							*								

REMARKS.

SUMMARY OF CHANGES OBSERVED OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD.

FROM THE 24TH TO THE 30TH DAY OF MAY 1885 –

In the course of the week which ended on Saturday the dominant systems of pressure distribution were Cyclonic; the type was variable at first, but afterwards became favourable for SW. and S. winds with gradients rather steep in the west. The weather has consequently been changeable and showery – especially in the west and north; temperature has not been high, but on Wednesday and Thursday during some intervals of Bright Sunshine the thermometer rose to between 68° and 72° over Central England –

The principal depression which passed over us was –

A well formed but shallow system which reached the west of Ireland early on Whit Monday (25th) and developing subsidiary disturbances over England and Wales, caused rainy weather except over the Central parts of Ireland, and thunderstorms in the north east.

No other depression passed actually over the United Kingdom, but between the 27th and 30th there were, evidently large systems moving north eastwards outside our western and northern coasts. On the 29th a well marked secondary disturbance lay over the Netherlands, and on the 30th some shallow subsidiary systems appeared over our south-western districts.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Tuesday 2nd June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.67	36	S	3	c	29.69	+ .08	45	41	+ 6	N	2	c	*	46	34	—
Hernösand	29.75	45	SW	2	b	29.83	+ .19	45	38	— 4	N	4	b	*	57	41	—
Stockholm	29.75	47	Z	0	o	29.88	+ .27	48	42	— 7	N	2	b	*	61	45	0.71
Wisby	29.69	47	Z	0	b	29.81	+ .16	48	46	+ 1	NNE	4	c	*	55	45	—
Bodö	29.75	42	WNW	2	bc	29.79	+ .12	39	39	— 4	WSW	4	c	3	43	34	0.08
Christiansund	30.00	41	W	6	c	30.01	+ .16	41	39	— 2	WSW	4	r	3	43	36	0.24
‡Skudesnaes	30.04	45	NW	8	c	30.10	+ .24	46	41	0	NW	4	c	4	?	45	—
Oxö (Xtiansund)	29.86	51	NW	6	b	30.06	+ .35	49	44	— 4	N	2	b	1	59	45	—
Skagen (The Skaw)	29.88	54	NNW	2	r	29.99	+ .34	51	45	0	NE	3	b	1	64	50	0.04
Fanö	30.05	46	NW	6	c	30.12	+ .28	49	43	— 2	NW	6	c	*	54	45	—
Cuxhaven	30.09	49	NW	6	bc	30.19	+ .21	51	51	— 5	NW	6	bc	*	?	49	—
‡Sumburgh Head	30.14	44	NW	4	c	30.01	— .06	45	41	+ 2	S	4	o	3	48	37	0.01
‡Stornoway	30.28	48	ENE	3	c	29.91	— .31	52	52	+ 3	WSW	5	d	4	52	44	0.30
Wick	30.28	47	NW	2	b	29.94	— .25	46	46	0	S	3	r	2	55	40	0.18
Nairn	30.21	54	ENE	1	bc	29.96	— .24	53	51	+ 4	WSW	4	*	2	58	46	0.06
‡Aberdeen	30.22	49	SSE	3	o	30.05	— .13	49	47	— 2	S	4	op	1	59	45	0.02
Leith	30.19	59	WNW	3	bc	30.09	— .09	55	51	— 2	WNW	2	c	*	60	48	—
‡Shields	30.24	50	E	2	bc	30.14	— .05	55	51	+ 4	SSW	1	o	2	55	46	—
Spurn Head	30.27	50	ENE	2	b	30.33	+ .07	53	52	+ 1	WNW	2	bm	2	56	47	—
York	30.26	59	ESE	1	c	30.23	+ .03	56	52	+ 1	W	1	b	*	63	42	—
Loughborough	30.26	64	W	2	b	30.27	+ .04	58	53	+ 2	WNW	2	bmw	*	66	39	—
‡Ardrossan	30.24	56	NW	2	ov	30.13	— .09	52	52	— 3	S	3	d	2	60	49	0.03
Malin Head	30.27	51	NE	2	b	30.09	— .16	55	53	+ 4	WSW	5	o	4	56	49	—
‡Mullaghmore	30.21	66	N	1	c	? 30.09	— .20	56	54	+ 4	WSW	4	o	2	62	51	—
‡Belmullet †	30.21	59	S	2	o	30.08	— .16	54	50	— 1	SW	3	o	*	61	53	—
Donaghadee	30.26	55	SSW	1	b	30.17	— .10	59	57	+ 6	W	3	c	1	59	48	—
Barrow-in-Furness	30.27	55	NW	2	b	30.30	.00	51	50	+ 1	SE	3	cm	*	58	47	—
Liverpool (Bidston)	30.29	56	WNW	1	b	30.23	— .02	60	53	+ 6	SSE	1	bc	2	61	46	—
‡Holyhead	30.31	55	WSW	2	bc	30.25	— .03	52	51	— 6	SSW	4	cm	3	60	48	—
‡Parsonstown	30.25	67	Z	0	c	30.22	— .08	59	56	+ 4	W	1	o	*	68	51	—
‡Valencia	30.29	57	SSE	5	c	30.23	— .05	55	54	— 2	SSE	4	md	4	60	52	0.01
Roche's Point	30.34	51	SSE	3	f	30.25	— .05	52	51	— 2	SSW	3	f	4	56	47	—
Pembroke	30.31	60	NW	1	b	30.29	+ .02	47	46	— 6	Z	0	f	0	61	45	—
‡Scilly	30.31	54	NE	3	c	30.27	+ .04	59	54	+ 2	E	3	c	3	58	50	—
Prawle Point	30.32	58	WSW	1	b	30.32	+ .05	59	55	+ 2	Z	0	b	0	60	50	—
Hurst Castle	30.29	58	SW	4	b	30.31	+ .04	57	55	+ 2	W	1	b	3	62	45	—
‡Dungeness	30.26	57	Z	0	bc	30.31	+ .08	55	52	— 5	SSW	1	bc	1	62	52	—
‡London	30.29	62	NNE	1	b	30.30	+ .06	63	56	+ 6	WSW	1	b	*	66	47	—
Oxford	30.29	58	N	1	b	30.29	+ .03	60	53	+ 5	SW	2	b	*	64	45	—
Cambridge	30.28	59	E	1	c	30.26	+ .05	60	56	+ 3	W	1	b	*	65	44	—
‡Yarmouth	30.28	56	NNE	2	b	30.26	+ .08	57	53	+ 2	WSW	2	b	2	60	46	—
The Helder	30.23	51	NNW	3	c	30.25		51	48		NNW	1	c	1	54	48	—
Cape Gris Nez	30.25	56	NNE	3	b	30.28	+ .09	54	51	— 1	SSW	3	b	2	66	48	—
‡Jersey	30.28	62	NNE	1	bm	30.31	+ .06	57	53	+ 4	ESE	2	bm	2	64	48	—
Brest	30.28	60	ENE	3	o	30.26	.00	56	51	+ 2	SE	4	b	3	?	50	—
Lorient	30.28	57	W	3	m	30.28	+ .02	55	52	0	E	4	b	2	61	48	—
‡Rochefort	30.28	62	WNW	5	o	30.27	— .04	60	57	+ 4	E	4	b	2	86	52	—
Biarritz	30.29	60	N	1	o	30.19	— .09	59	58	0	NE	1	o	0	64	57	—
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30.33	+ .15	51	47	— 5	NNW	1	b	*	62	45	—
Charleville	? 30.25	58	NNW	7	c	? 30.32	+ .12	52	47	0	N	5	b	*	66	43	—
Paris	30.27	66	WSW	3	bc	30.37	+ .11	59	54	— 3	NW	3	b	*	*	*	—
Lyons	30.17	65	N	4	c	30.23	+ .03	54	50	— 8	N	4	b	*	71	50	—
Toulon	29.82	72	NW	5	m	30.02	+ .05	68	67	+ 4	E	1	bc	2	81	61	—

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time). † Today's Observations at Belmullet were taken at 9.35 a.m. and those at Parsonstown at 9 a.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred. Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Tuesday 2nd June 1885.

BAROMETER, WIND & SEA.

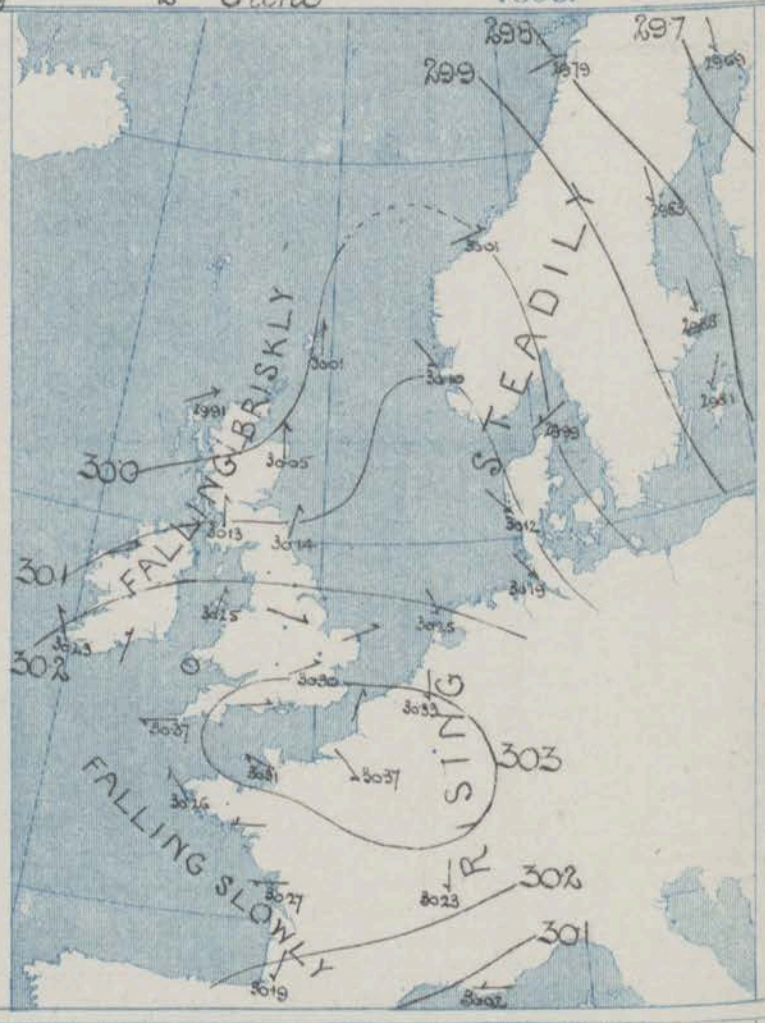
(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⟶ = forces above 10, ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.



MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

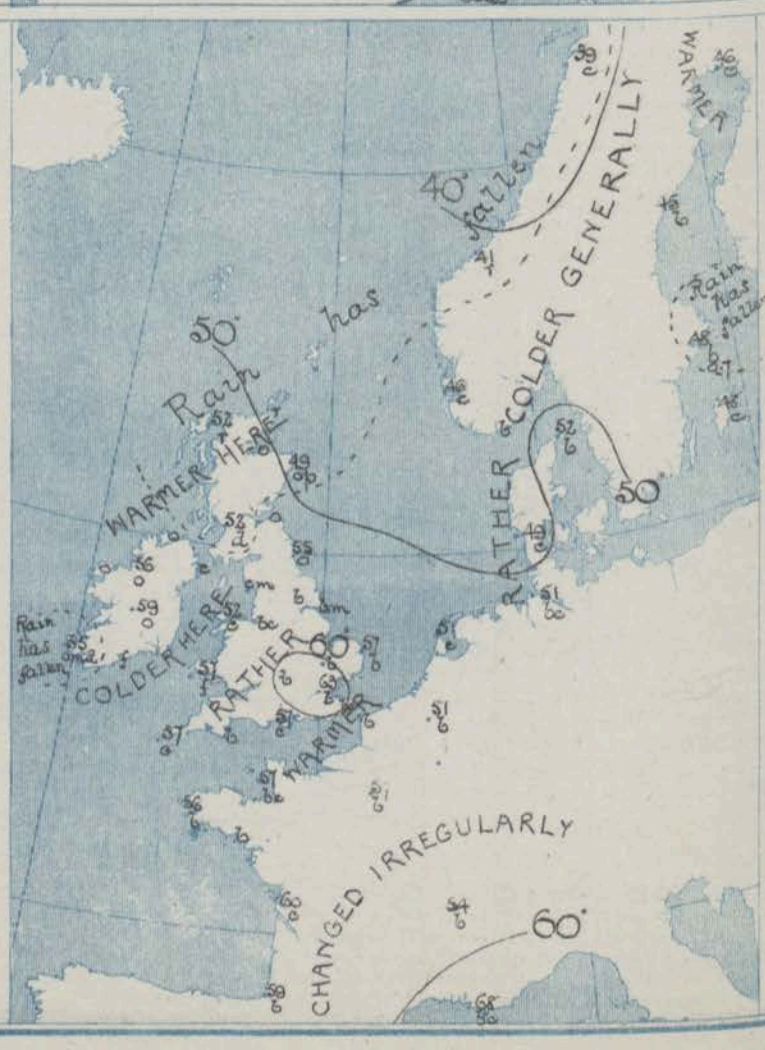
STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956

TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words*

Weather *is shown by Letters of the Beaufort Scale.*

Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*



MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	Wet.	RAINFALL (Inches).
Sumburgh Head	54·9	45·5	50·7	49·1	2·04
Stornoway	58·3	46·4	54·2	51·7	3·03
Wick	59·2	46·0	53·3	50·7	1·59
Nairn	62·7	48·4	54·8	50·8	2·00
Aberdeen	61·5	48·2	54·8	51·1	1·87
Leith	65·2	48·4	56·4	53·1	1·96
Shields	61·2	50·1	55·2	51·9	1·76
York	66·5	48·6	56·6	53·2	2·47
Ardrossan	63·1	50·6	55·6	52·1	2·77
Donaghadee	61·4	49·4	55·4	53·3	2·12
Holyhead	62·5	52·1	55·7	53·3	1·98
Liverpool	64·2	51·2	56·9	53·0	1·87
Valencia	62·0	51·3	56·9	53·9	3·52
Roche's Point	66·1	51·5	56·8	53·6	3·36
Pembroke	61·2	51·8	55·4	53·2	2·07
Scilly	61·5	53·4	57·2	55·2	1·89
Hurst Castle	64·1	52·7	58·1	55·9	1·98
Dover	63·8	53·5	59·1	55·5	1·76
LONDON	70·0	50·7	59·5	55·3	2·24
Oxford	67·8	49·1	57·2	53·9	2·22
Cambridge	69·4	49·0	58·1	54·9	2·30
Yarmouth	62·6	51·7	57·2	54·4	2·12

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.

REMARKS.

for Tuesday 2nd June 1885, at 8 a.m.

An anticyclone, in which readings exceed 30.3 ins., now lies over the south of England and north of France, and the barometer is still rising at our southern and most of the Continental stations. On our extreme north and north west coasts however, a brisk fall has set in during the night, and a depression is apparently advancing towards the north of Scotland. The wind is NWly in Sweden and Denmark, Nly in the east of France, and Ely over the Bay of Biscay, but on our western and northern coasts it is SWly or Sly, while in the south of England it is Wly; in force it is light in the south, but moderate or fresh elsewhere. Fine weather prevails at all but the Irish and Scotch stations, where the sky is overcast with rain in many places. Temperature has risen in most parts of our islands, and readings now range from 63° in London to 45° in the Shetlands. The highest maxima registered yesterday were 66° at Scilly and in London and 65° at Cambridge. The sea is moderate to smooth.

The depression which is approaching Scotland will probably occasion further rain and a considerable increase of wind on our extreme northern coasts, but in the south the weather is likely to remain fair and quiet for the present.

ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that on the 27th ult. icebergs were encountered by several vessels between Longs 46° and 51° W, and Lats (about) 44° and 47° N.

FORECASTS

for the 24 hours ending at NOON on 3rd June 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Sly and SWly winds, fresh or strong; unsettled, rain at times.	6 SCOTLAND WEST	SWly and Wly winds, fresh or strong; cloudy, some rain.
1 SCOTLAND EAST	SWly winds, freshening; fair generally, but perhaps some showers.	7 ENGLAND N.W.	Same as Nos 1 and 2.
2 ENGLAND N.E.	------ Do ------ Do ------	8 ENGLAND S.W	SEly and Sly winds, moderate; fair generally.
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	Sly and SWly winds, freshening; cloudy, some rain.
4 MIDLAND COUNTIES	------ Do ------ Do ------	10 IRELAND SOUTH	------ Do ------ Do ------
5 ENGLAND SOUTH	Wly and SWly winds, moderate; fine. warm.	WARNINGS	None Issued.

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.98	49	43	NW	8	c	4	Holyhead	30.32	57	53	NW	2	bc	2
Sumburgh Head	30.14	46	42	NW	4	bc	3	Valencia	30.30	59	56	SE	5	c	5
Stornoway	30.26	50	46	SE	3	og	3	Scilly	30.28	58	55	NE	3	c	3
Aberdeen	30.20	54	51	NNW	4	c	2	Dungeness	30.25	60	55	SW	2	c	1
Shields	30.25	52	48	E	2	b	2	London	30.28	63	52	NW	2	c	*
Ardrossan	30.25	56	53	SSW	1	c	0	Yarmouth	30.26	57	52	NNE	4	b	3
Malin Head	30.24	54	51	NNE	2	b	2	Jersey	30.27	64	57	E	1	b	1
Mullaghmore	30.26	58	53	NNW	2	cv	2	Rochefort	30.32	66	61	W	0	bc	2
Belmullet	30.24	61	55	S	2	b	*								

REMARKS.

The barometer continues to rise in most places, with moderate NW^{ly} or N^{ly} winds on our north and east coasts and SE^{ly} or S^{ly} breezes in the extreme west. Fair weather prevails generally. The sea is rather rough at Valencia, slight or smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Wednesday 3rd June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.71	41	E	2	o	29.76	+ .07	47	40	+ 2	NE	2	b	*	50	39	—
Hernösand	29.89	47	NW	2	bc	29.88	+ .05	47	40	+ 2	W	3	b	*	57	37	—
Stockholm	29.97	46	7	0	c	29.93	+ .05	54	46	+ 6	SSW	2	b	*	56	43	—
Wisby	29.96	48	W	6	c	29.92	+ .11	51	49	+ 3	WSW	4	b	*	55	46	—
Bodö	29.84	40	SSW	2	c	29.77	— .02	42	40	+ 3	SSE	2	b	2	43	34	0.08
Christiansund	29.87	44	E	2	r	29.70	— .31	48	44	+ 7	SW	4	o	3	48	36	0.04
‡Skudesnaes	29.97	45	SSE	6	r	29.99	— .11	50	47	+ 4	W	4	bc	4	?	45	—
Oxö (Xtiansand)	30.01	46	WSW	6	o	29.97	— .09	50	45	+ 1	W	6	c	3	54	45	—
Skagen (The Skaw)	30.02	48	WSW	4	o	29.96	— .03	52	48	0	WNW	4	c	3	61	46	—
Fanö	30.12	50	WSW	5	o	30.06	— .06	55	53	+ 6	W	4	c	*	55	48	—
Cuxhaven	30.22	49	NW	2	c	30.16	— .03	61	60	+ 10	SW	1	m	*	63	49	—
‡Sumburgh Head	29.82	49	W	4	c	29.87	— .14	49	47	+ 4	W	4	c	4	51	40	0.05
‡Stornoway	29.97	52	W	5	c	29.87	— .10	49	48	— 3	ESE	4	r	4	55	44	0.25
Wick	29.97	51	NW	3	bc	29.86	— .08	48	48	+ 2	S	1	a	1	60	40	0.09
Nairn	29.96	58	SSW	1	bc	29.86	— .10	52	51	— 1	7	0	a	1	64	51	0.09
‡Aberdeen	29.97	66	WNW	3	c	29.90	— .15	54	53	+ 5	S	3	rm	1	69	47	0.05
Leith	30.05	57	WNW	2	o	29.92	— .17	59	55	+ 2	7	0	c	*	64	52	0.01
‡Shields	30.08	61	SW	2	o	29.98	— .16	62	55	+ 7	SW	3	bc	2	65	52	—
Spurn Head	30.11	64	W	3	bc	30.07	— .16	61	58	+ 8	SSW	3	bcm	2	70	51	—
York	30.13	64	W	2	o	30.04	— .19	62	57	+ 6	SSW	1	bc	*	71	?49	—
Loughborough	30.14	70	SW	3	bc	30.09	— .18	62	55	+ 4	SSW	4	b	*	74	45	—
‡Ardrossan	30.07	52	WSW	1	o	29.98	— .20	54	52	+ 2	S	2	o	2	54	50	0.08
Malin Head	30.06	52	W	3	f	?29.86	— .23	56	53	+ 1	SSW	5	bc	3	50	51	0.07
‡Mullaghmore	30.07	55	S	1	or	29.85	— .24	59	54	+ 1	SSW	5	o	3	60	54	0.10
‡Belmullet	30.06	54	SW	3	r	29.80	— .28	54	50	0	S	3	o	*	55	53	0.33
Donaghadee	30.10	56	SSW	1	o	29.95	— .22	59	54	— 2	SW	2	bc	0	64	49	0.02
Barrow-in-Furness	30.16	53	NW	3	o	?30.00	— .20	54	53	+ 3	ESE	3	bcm	*	59	50	0.05
Liverpool (Bidston)	30.16	60	WNW	1	c	30.03	— .20	62	54	+ 2	SSE	1	b	1	67	49	—
‡Holyhead	30.16	53	SSW	3	bc	30.00	— .25	60	54	+ 8	SSE	4	bc	3	60	50	—
Parsonstown	30.09	66	SSW	1	b	29.91	— .31	62	57	+ 3	SSW	1	bc	*	69	50	—
‡Valencia	30.09	56	SE	6	c	29.89	— .34	54	53	— 1	SSE	6	o	5	59	53	0.01
Roche's Point	30.15	55	SSE	3	bc	29.95	— .30	56	53	+ 4	SE	3	c	4	59	50	—
Pembroke	30.18	59	NW	1	b	30.01	— .28	55	52	+ 8	ESE	3	bm	2	59	46	—
‡Scilly	30.15	56	ESE	4	bc	29.96	— .31	58	55	+ 1	SE	5	c	3	59	51	—
Prawle Point	30.21	55	ESE	1	b	30.07	— .25	56	53	— 3	ESE	1	b	1	62	50	—
Hurst Castle	30.24	62	SSW	2	b	30.11	— .20	60	56	+ 3	SSE	3	bc	2	62	50	—
‡Dungeness	30.25	58	W	3	b	30.15	— .16	59	54	+ 2	S	2	b	1	64	51	—
‡London	30.19	69	W	1	b	30.14	— .16	65	55	+ 2	S	3	b	*	75	47	—
Oxford	30.18	64	SW	3	b	30.11	— .18	62	55	+ 2	SW	2	b	*	72	47	—
Cambridge	30.16	66	SW	1	b	30.12	— .14	62	57	+ 2	S	2	b	*	74	44	—
‡Yarmouth	30.16	62	7	0	b	30.14	— .12	63	57	+ 6	WSW	3	b	2	68	52	—
The Helder	30.15	55	SW	1	bc	30.15	— .10	58	55	— 3	SW	3	b	2	61	50	—
Cape Gris Nez	30.20	59	SW	1	b	30.13	— .15	59	57	+ 5	S	5	b	2	63	54	—
‡Jersey	30.19	64	NE	2	bm	30.07	— .24	60	53	+ 3	SSW	2	bm	2	67	51	—
Brest	30.15	64	N	3	b	30.01	— .25	56	53	0	ESE	4	b	3	72	52	—
Lorient	30.16	66	SE	3	b	30.07	— .21	56	56	+ 1	E	7	b	3	72	48	—
‡Rochefort	30.13	72	E	7	b	30.04	— .23	58	54	— 2	E	7	b	2	79	48	—
Biarritz	30.00	70	W	3	b	29.92	— .27	65	62	+ 6	E	3	b	0	73	59	—
Corunna	*	*	*	*	*												
‡Brussels	*	*	*	*	*	30.19	— .14	61	52	+ 10	SSE	3	b	*	68	52	—
Charleville	?30.25	62	NE	4	b	?30.22	— .10	55	49	+ 3	NE	4	b	*	69	43	—
Paris	30.27	66	NE	4	b	30.17	— .20	62	54	+ 5	NE	3	b	*	*	*	—
Lyons														*			
Toulon	30.02	68	WSW	1	b	30.10	+ .08	66	60	— 2	E	3	b	2	?	57	—

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time). ‡ Received too late for insertion in chart.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred^k Hungerford Pith London

WEATHER CHARTS

For 8 a.m. on Wednesday 3rd June 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevailing winds. They fly with the wind and their barbs and feathers refer to force, thus —*

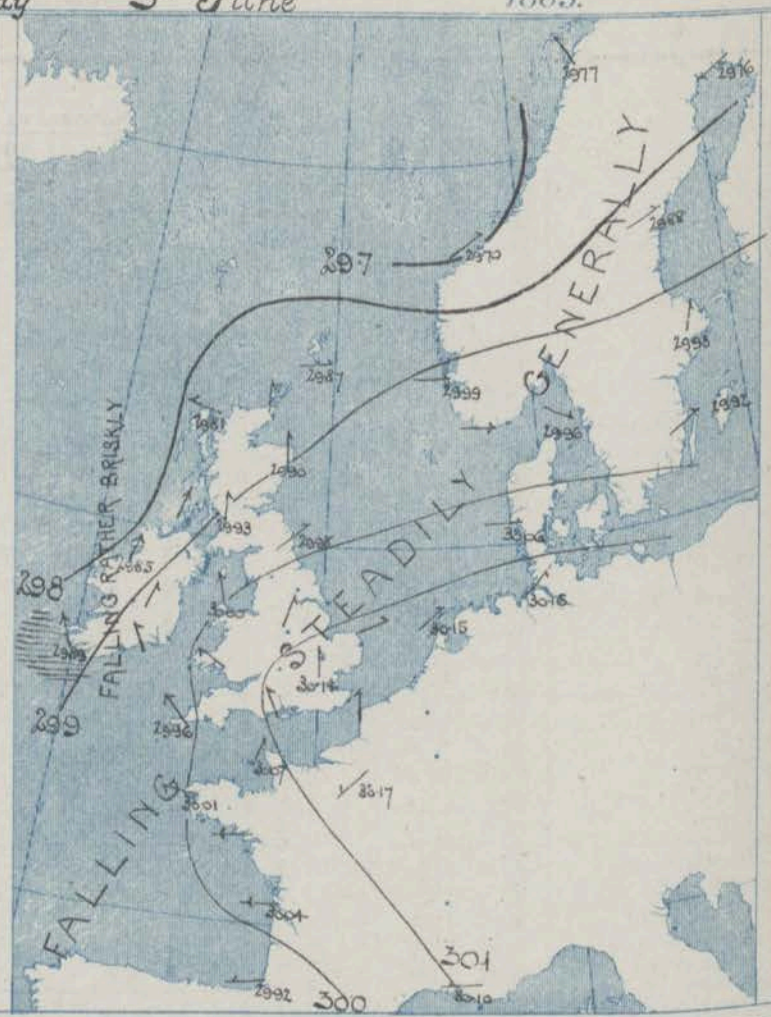
⟶ = forces above 10; ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable, is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. in.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

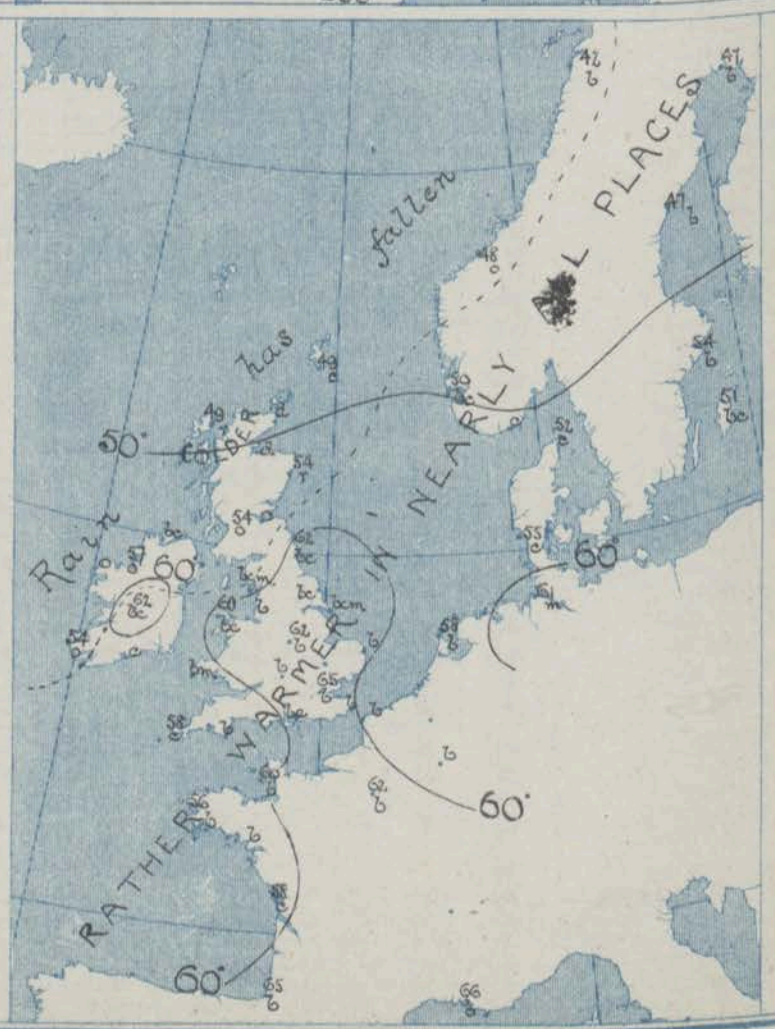
Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*
Weather is shown by Letters of the Beaufort Scale.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	Wet.	RAINFALL (Inches).
Sumburgh Head	54 · 9	45 · 5	50 · 7	49 · 1	2 · 04
Stornoway	58 · 3	46 · 4	54 · 2	51 · 7	3 · 03
Wick	59 · 2	46 · 0	53 · 3	50 · 7	1 · 59
Nairn	62 · 7	48 · 4	54 · 8	50 · 8	2 · 00
Aberdeen	61 · 5	48 · 2	54 · 8	51 · 1	1 · 87
Leith	65 · 2	48 · 4	56 · 4	53 · 1	1 · 96
Shields	61 · 2	50 · 1	55 · 2	51 · 9	1 · 76
York	66 · 5	48 · 6	56 · 6	53 · 2	2 · 47
Ardrossan	63 · 1	50 · 6	55 · 6	52 · 1	2 · 77
Donaghadee	61 · 4	49 · 4	55 · 4	53 · 3	2 · 12
Holyhead	62 · 5	52 · 1	55 · 7	53 · 3	1 · 98
Liverpool	64 · 2	51 · 2	56 · 9	53 · 0	1 · 87
Valencia	62 · 0	51 · 3	56 · 9	53 · 9	3 · 52
Roche's Point	66 · 1	51 · 5	56 · 8	53 · 6	3 · 36
Pembroke	61 · 2	51 · 8	55 · 4	53 · 2	2 · 07
Scilly	61 · 5	53 · 4	57 · 2	55 · 2	1 · 89
Hurst Castle	64 · 1	52 · 7	58 · 1	55 · 9	1 · 98
Dover	63 · 8	53 · 5	59 · 1	55 · 5	1 · 76
LONDON	70 · 0	50 · 7	59 · 5	55 · 3	2 · 24
Oxford	67 · 8	49 · 1	57 · 2	53 · 9	2 · 22
Cambridge	69 · 4	49 · 0	58 · 1	54 · 9	2 · 30
Yarmouth	62 · 6	51 · 7	57 · 2	54 · 4	2 · 12

NOTE – *The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.*



REMARKS.

for Wednesday 3rd June 1885, at 8 a.m.

The high pressure area which lay over France yesterday has moved eastwards to Germany and the barometer is now falling briskly over our Islands - most in the west. Sly winds are reported from all but our southwestern coasts where the winds are SEly; in force they vary from a fresh or strong breeze in the west to a light or moderate breeze in the east. Temperature has risen in most parts of England and the eastern parts of Ireland; it now varies from 65° in London and 63° at Yarmouth to 54° in the extreme west of Ireland and to 49° at Lerwick Head and Stornoway. The maximum temperatures registered over England yesterday varied from 70° to 75°. The weather is now clear over England and the east of Ireland, overcast in the far west and rainy over Scotland. The sea is rather rough at Valencia, smooth or nearly so elsewhere.

The fine weather over England seems likely to hold during the next twenty four hours, and spread to the east of Scotland, but showers are probable in the west and northwest.

FORECASTS

for the 24 hours ending at NOON on 4th June 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Sly and SWly winds, fresh; some showers.	6 SCOTLAND WEST	Sly winds, fresh or strong; some rain.
1 SCOTLAND EAST	Sly breezes, moderate; fair.	7 ENGLAND N.W.	..... Do ..... Do .....
2 ENGLAND N.E.	..... Do ..... Do	8 ENGLAND S.W	..... Do ..... Do .....
3 ENGLAND EAST	Same as No 5.	9 IRELAND NORTH	Sly winds, strong; showery.
4 MIDLAND COUNTIES	..... Do ..... Do	10 IRELAND SOUTH	..... Do ..... Do .....
5 ENGLAND SOUTH	Sly breezes, moderate or fresh; fine, dry	WARNINGS	None Issued

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·06	48	42	SW	4	o	3	Holyhead	30·22	54	52	SSW	4	cm	3
Sumburgh Head	29·80	49	48	WSW	4	r	3	Valencia	30·16	57	55	SE	5	c	5
Stornoway	29·98	52	48	W	6	c	5	Scilly	30·23	59	55	ESE	4	bc	3
Aberdeen	29·96	63	58	NW	4	c	1	Dungeness	30·29	60	57	W	3	b	2
Shields	30·10	65	58	WSW	3	o	2	London	30·28	58	58	W	3	b	*
Ardrossan	30·10	53	53	WSW	3	o	2	Yarmouth	30·22	61	57	NNE	2	bc	2
Malin Head	30·13	54	53	W	4	m	3	Jersey	30·25	64	56	Z	0	b	0
Mullaghmore	30·10	58	56	W	2	o	2	Rochefort	30·22	58	65	ESE	7	b	2
Belmullet	30·13	55	54	SW	2	c	*								

REMARKS.

The barometer is now falling on all but our extreme northwest coasts, where a recovery of pressure is reported. The wind has veered to W. or NW. in Ireland, with some improvement in the weather, but rain is still falling at Sumburgh Head. At our southern stations the wind and weather remain unchanged. The sea is rather rough at Stornoway and Valencia, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Thursday 4th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.79	38	Z	0	b	29.70	− .06	43	40	− 4	S	2	b	*	48	32	—
Hernösand	29.80	47	SSW	2	bc	29.70	− .18	46	45	− 1	SSW	2	r	*	48	34	—
Stockholm	29.82	50	S	2	c	29.81	− .12	60	55	+ 6	SSW	2	b	*	63	41	—
Wisby	29.89	51	S	6	c	29.88	− .04	58	54	+ 7	W	4	bc	*	63	43	—
Bodö	29.57	45	ESE	8	c	29.58	− .37	42	41	0	SW	8	c	5	46	37	0.16
Christiansund	29.96	48	WSW	4	c	29.63	− .07	46	45	− 2	ENE	3	f	3	48	41	0.16
‡Skudesnaes	29.82	49	SSE	6	f	29.73	− .26	50	49	0	S	6	c	4	50	48	0.20
Oxö (Xtiansand)	29.92	49	SW	4	c	29.82	− .15	51	?	+ 1	SSW	1	f	3	52	46	—
Skagen (The Skaw)	29.94	55	WSW	2	c	29.85	− .11	57	54	+ 5	SW	3	c	0	59	50	—
Fanö	30.01	52	SSW	1	b	29.91	− .15	62	57	+ 7	SW	4	bc	*	64	50	—
Cuxhaven	30.09	54	WNW	2	b	30.03	− .13	66	63	+ 5	SW	2	b	*	68	?	—
‡Sumburgh Head	29.65	46	SE	3	r	29.62	− .25	50	48	+ 1	W	4	c	3	51	45	0.25
‡Stornoway	29.62	58	SSW	5	r	29.67	− .14	52	48	+ 3	SSW	4	c	3	58	47	0.44
Wick	29.64	53	SW	1	o	29.68	− .18	55	53	+ 7	S	1	o	0	57	45	0.20
Nairn	29.67	64	WSW	3	bc	29.69	− .17	55	52	+ 3	W	1	o	1	65	52	0.07
‡Aberdeen	29.72	62	S	4	c	29.73	− .17	57	55	+ 3	Z	0	o	1	68	53	0.03
Leith	29.77	61	WNW	3	bc	29.73	− .19	58	56	+ 1	WNW	2	o	*	68	55	—
‡Shields	29.81	71	SW	3	bc	29.77	− .21	60	55	− 2	SSW	1	o	2	71	55	—
Spurn Head	29.89	67	SSW	4	b	29.84	− .23	59	57	− 2	SSE	2	bm	2	72	53	—
York	29.83	72	SSW	2	b	29.82	− .22	62	56	+ 1	S	1	b	*	75	53	—
Loughborough	29.90	73	S	4	b	29.85	− .24	66	59	+ 4	SSE	3	bc	*	77	51	—
‡Ardrossan	29.76	55	SSW	2	o	29.75	− .18	53	53	− 1	S	1	o	1	58	51	0.07
Malin Head	29.72	54	WNW	4	o	29.72	− .14	53	52	− 3	WSW	2	c	2	64	50	0.17
‡Mullaghmore	29.74	56	W	5	or	29.74	− .11	54	53	− 3	WNW	1	o	1	65	53	0.07
‡Belmullet	29.73	53	SW	3	r	29.71	− .09	53	52	− 1	S	2	o	*	56	50	0.10
Donaghadee	29.79	60	WSW	2	c	29.77	− .18	53	53	− 4	NE	1	o	0	65	51	—
Barrow-in-Furness	29.87	64	W	2	b	29.80	− .20	56	54	+ 2	SW	3	o	*	68	63	—
Liverpool (Bidston)	29.85	67	NNW	1	b	29.83	− .20	61	55	− 1	NNW	1	bc	1	77	53	—
‡Holyhead	29.86	57	SW	3	bc	29.82	− .17	54	53	− 6	SSW	4	bm	3	65	52	—
Parsonstown	29.77	66	WSW	1	c	29.77	− .14	58	55	− 4	Z	0	og	*	71	54	—
‡Valencia	29.79	56	SW	4	om	29.75	− .14	54	53	0	SE	4	o	4	59	52	—
Roche's Point	29.83	57	SSE	3	c	29.80	− .15	54	52	− 2	S	3	m	3	61	51	—
Pembroke	29.87	57	SW	2	b	29.81	− .17	53	52	− 2	SSW	2	o	2	61	52	—
‡Scilly	29.87	58	SE	5	c	29.84	− .12	56	54	− 2	S	4	o	3	60	51	—
Prawle Point	29.93	60	E	1	b	29.91	− .16	59	55	+ 3	S	1	b	0	61	53	—
Hurst Castle	29.94	65	SE	2	bc	29.92	− .19	62	59	+ 2	WSW	1	b	1	69	51	—
‡Dungeness	29.95	62	S	1	b	29.94	− .21	59	57	+ 2	Z	0	b	0	68	56	—
‡London	29.96	72	SSE	4	b	29.90	− .24	72	62	+ 7	SSW	2	b	*	75	58	—
Oxford	29.93	64	S	2	b	29.88	− .28	68	60	+ 6	S	1	b	*	73	51	—
Cambridge	29.93	67	S	1	c	29.89	− .23	69	63	+ 7	S	1	b	*	75	48	—
‡Yarmouth	30.00	58	SSE	2	b	29.91	− .23	60	57	− 3	SSE	2	b	2	66	53	—
The Helder	30.02	63	ESE	1	bc	29.94	− .21	65	58	+ 7	SSW	4	b	3	68	55	—
Cape Gris Nez																	
‡Jersey	29.92	69	SSE	1	b	29.93	− .14	64	58	+ 4	Z	0	bm	0	72	56	—
Brest	29.93	61	SW	1	b	29.90	− .11	58	55	+ 2	SE	3	o	2	70	54	—
Lorient	29.96	66	NNW	1	b	29.92	− .15	61	55	+ 5	ESE	3	bc	1	75	52	—
‡Rochefort	29.95	82	ENE	1	b	30.00	− .04	64	59	+ 6	SE	5	b	3	90	55	—
Biarritz	29.89	78	N	4	b	29.91	− .01	81	65	+ 16	S	3	b	0	84	?	—
Coruna	*	*	*	*	*												
Brussels	*	*	*	*	*	29.98	− .21	68	59	+ 7	S	3	b	*	78	60	—
Charleville	? 30.09	73	E	4	b	? 30.04	− .18	63	55	+ 8	E	4	b	*	77	48	—
Paris	30.01	74	E	3	b	30.03	− .14	66	59	+ 4	SE	3	b	*	*	*	—
Lyons														*			
Toulon	30.08	65	SW	1	b	30.08	− .02	66	59	0	E	1	b	1	75	59	—

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred^k Dangerfield Pub^h London

WEATHER CHARTS

for 8 a.m. on Thursday 4th June 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows shew the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

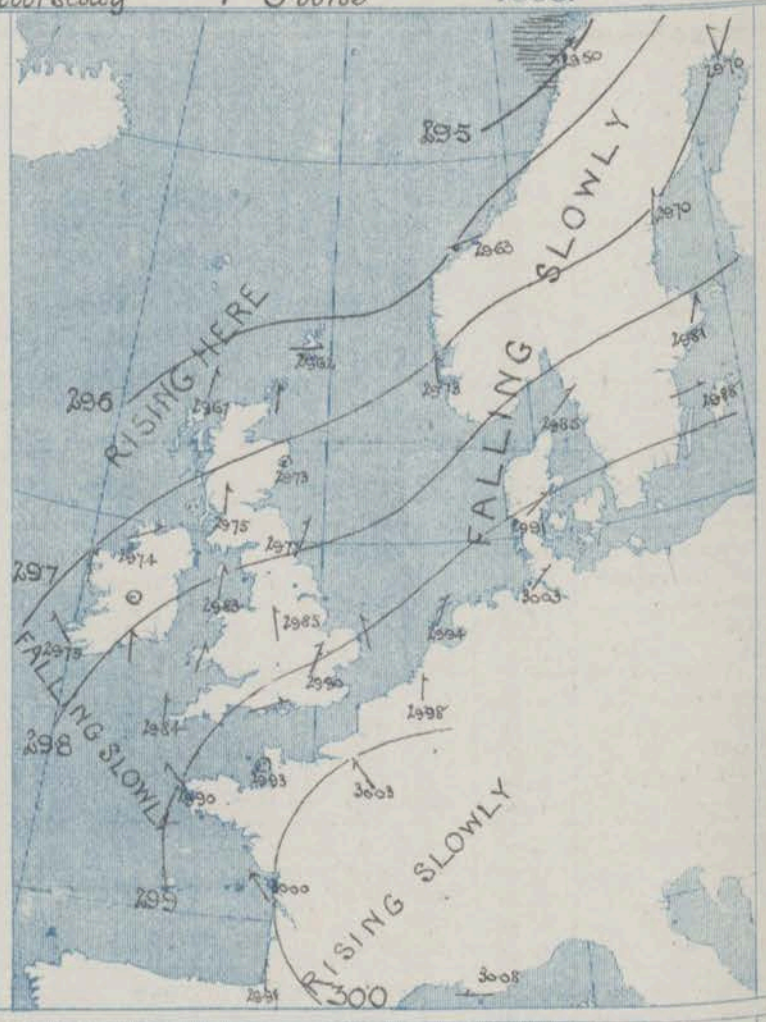
= forces above 10; = forces 8 to 10;
= forces 5 to 7; = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June: During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

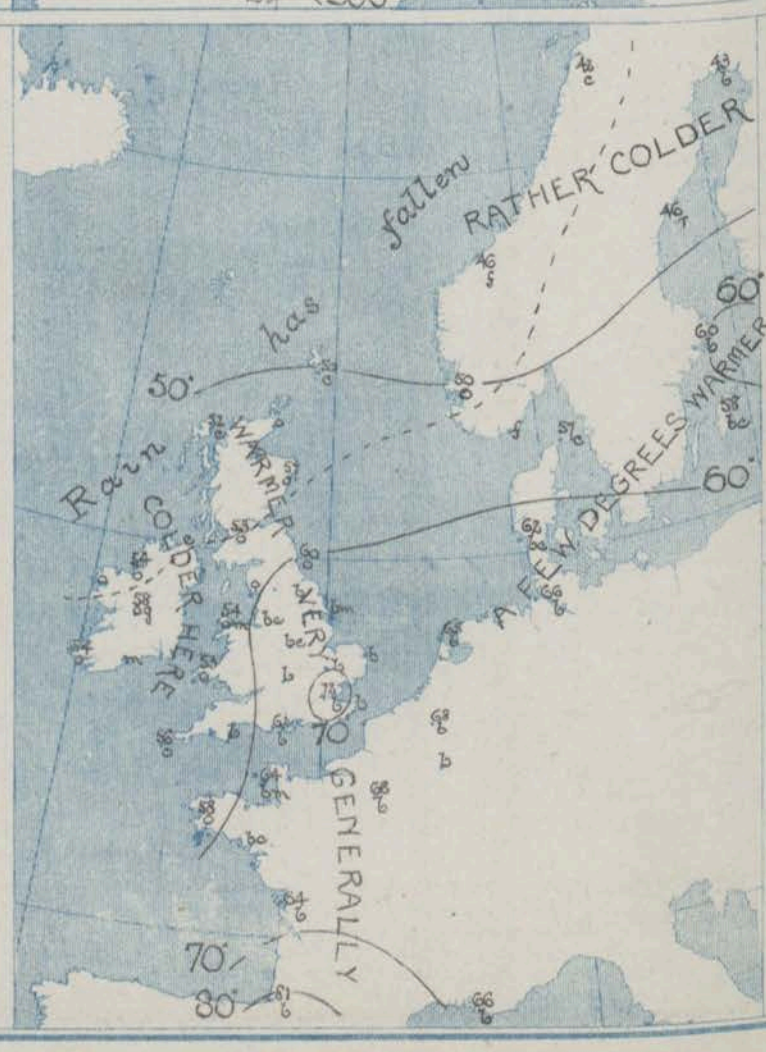
Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches).
Sumburgh Head	54·9	45·5	50·7	49·1	2·04
Stornoway	58·3	46·4	54·2	51·7	3·03
Wick	59·2	46·0	53·3	50·7	1·59
Nairn	62·7	48·4	54·8	50·8	2·00
Aberdeen	61·5	48·2	54·8	51·1	1·87
Leith	65·2	48·4	56·4	53·1	1·96
Shields	61·2	50·1	55·2	51·9	1·76
York	66·5	48·6	56·6	53·2	2·47
Ardrossan	63·1	50·6	55·6	52·1	2·77
Donaghadee	61·4	49·4	55·4	53·3	2·12
Holyhead	62·5	52·1	55·7	53·3	1·98
Liverpool	64·2	51·2	56·9	53·0	1·87
Valencia	62·0	51·3	56·9	53·9	3·52
Roche's Point	66·1	51·5	56·8	53·6	3·36
Pembroke	61·2	51·8	55·4	53·2	2·07
Scilly	61·5	53·4	57·2	55·2	1·89
Hurst Castle	64·1	52·7	58·1	55·9	1·98
Dover	63·8	53·5	59·1	55·5	1·76
LONDON	70·0	50·7	59·5	55·3	2·24
Oxford	67·8	49·1	57·2	53·9	2·22
Cambridge	69·4	49·0	58·1	54·9	2·30
Yarmouth	62·6	51·7	57·2	54·4	2·12

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Thursday 4th June *1885, at 8 a.m.*

Pressure is still highest over France and Germany and lowest to the northward and westward of our Islands. The gradients over our Islands are slight, and the barometer is falling very slowly except in the north, where it is rising. Temperature has increased considerably over our southeastern Counties; the present reading in London is 72°, or only 3° lower than the maximum reading recorded yesterday. At Cambridge the present reading is 69°, at Alford 68° and at York 63°. Sly breezes still prevail on all but our northern coasts, and are light to moderate in force. In the north the wind is light from the westward. Rain fell yesterday in the north and west of Scotland and the northwest of Ireland; elsewhere the weather was fine; and over England bright. The sky is now cloudy at all our northern and western stations; fine and bright in the east and south. The sea is smooth or nearly all our coasts.

There is no indication of any important change.

ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that icebergs were met with on the 30th ult., in Long. 48° to 51° W., Lat. about 46° N.

FORECASTS

for the 24 hours ending at NOON on 5th June *1885.*

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Wly to Sly breezes, moderate or light; fair.	6 SCOTLAND WEST	Same as Nos 0 and 1.
1 SCOTLAND EAST	..... Do ..... Do	7 ENGLAND N.W.	Sly winds, freshening; cloudy, some rain.
2 ENGLAND N.E.	Same as No 5	8 ENGLAND S.W	..... Do ..... Do .....
3 ENGLAND EAST	..... Do ..... Do	9 IRELAND NORTH	..... Do ..... Do .....
4 MIDLAND COUNTIES	..... Do ..... Do	10 IRELAND SOUTH	..... Do ..... Do .....
5 ENGLAND SOUTH	Sly breezes, moderate to fresh; fine, very warm	WARNINGS	None Issued

Fredk Dangerfield, Lith. London, (131)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.46	50	46	S	2	r	3	Holyhead	29.91	65	58	SSW	4	bcm	3
Sumburgh Head	?29.75	47	47	S	2	r	3	Valencia	29.92	58	55	SSE	4	cm	4
Stornoway	29.71	53	52	S	4	d	4	Scilly	29.90	60	57	SE	4	c	3
Aberdeen	29.77	66	57	SSW	6	b	1	Dungeness	30.05	66	60	SSE	1	b	1
Shields	29.87	68	57	SW	4	c	2	London	30.03	73	58	SE	3	b	*
Ardrossan	29.80	56	54	WSW	1	c	2	Yarmouth	30.05	61	57	SSE	4	b	3
Malin Head	29.93	60	56	W	3	c	4	Jersey	29.96	69	58	SE	1	b	0
Mullaghmore	29.77	62	58	SW	5	o	4	Rochefort	30.01	86	70	ESE	1	b	0
Belmullet	?29.71	54	50	S	2	r	*								

REMARKS.

The depression which lay off our extreme western coasts this morning is travelling in a NE³ direction, and the fine weather has extended to the eastern parts of Scotland. On our extreme northern and north-western coasts, however, the sky is still overcast and rain is falling. Temperature has risen 12° at Aberdeen since 8 am. The sea is moderate to smooth.

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DAILY WEATHER REPORT

for Friday 5th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London; R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.59	40	SSE	2	r	29.62	− .08	46	45	+ 3	S	2	b	*	50	36	0.28
Hernösand	29.61	50	N	2	c	29.44	+ .04	55	47	+ 9	NW	4	b	*	61	39	0.04
Stockholm	29.70	63	2	0	o	29.78	− .03	62	56	+ 2	WSW	2	bc	*	72	48	—
Wisby	29.78	60	W	8	bc	29.82	− .06	61	56	+ 3	WSW	4	b	*	73	50	—
Bodö	29.61	43	SW	4	bc	29.67	+ .17	45	44	+ 3	SSW	2	c	2	46	39	0.04
Christiansund	29.67	49	WSW	4	c	29.67	+ .04	51	47	+ 5	ESE	1	o	3	?	41	0.16
‡Skudesnaes	29.78	51	2	0	f	29.64	− .09	54	51	+ 4	E	4	c	3	?	50	—
Oxö (Xtiansand)	29.80	52	SW	4	f	29.83	.00	52	51	+ 1	NNE	1	f	3	57	46	—
Skagen (The Skaw)	29.80	54	WSW	4	bc	29.82	− .03	57	55	0	S	3	c	1	65	50	—
Fanö	29.90	54	SSW	2	b	29.86	− .05	66	59	+ 4	SW	4	b	*	66	54	—
Cuxhaven	29.96	68	SW	1	m	29.95	− .08	71	71	+ 5	S	1	m	*	77	?	—
‡Sumburgh Head	29.69	51	SSW	3	o	29.31	− .31	50	49	0	S	4	o	4	55	47	0.29
‡Stornoway	29.61	51	SSE	4	r	29.26	− .42	52	51	0	SSW	7	2g	6	58	47	0.46
Wick	29.61	51	E	2	o	29.34	− .34	59	50	+ 4	SW	5	bc	2	62	49	0.08
Nairn	29.64	56	2	0	d	29.35	− .34	60	56	+ 5	SW	5	c	3	65	51	0.06
‡Aberdeen	29.67	61	S	4	c	29.48	− .25	59	55	+ 2	SW	6	c	1	66	49	—
Leith	29.67	64	W	2	b	29.53	− .20	57	54	− 1	WSW	4	o	*	68	54	—
‡Shields	29.78	60	NE	1	c	29.59	− .18	66	60	+ 6	SSW	3	c	2	66	57	—
Spurn Head	29.76	71	SSW	3	b	29.70	− .14	67	64	+ 8	SSW	4	bm	2	80	57	—
York	29.73	80	SW	1	b	29.68	− .14	66	60	+ 3	S	1	o	*	87	60	—
Loughborough	29.78	57	SSW	5	c	29.74	− .11	67	61	+ 1	SSW	3	c	*	64	56	—
‡Ardrossan	29.66	54	SSE	3	o	29.56	− .19	51	51	− 2	WSW	4	op	3	59	50	0.10
Malin Head	29.48	60	S	6	o	29.54	− .18	50	50	− 3	WNW	5	o	5	60	49	0.03
‡Mullaghmore	29.50	62	S	6	cN	29.65	− .09	52	49	− 2	WNW	5	bq	4	64	50	0.07
‡Belmullet	29.94	55	S	3	r	29.65	− .06	53	49	0	W	2	bc	*	58	49	0.40
Donaghadee	29.66	56	S	5	b	29.62	− .15	54	54	+ 1	WNW	3	r	1	59	51	0.04
Barrow-in-Furness	29.74	60	NNW	2	b	29.66	− .14	55	54	− 1	SW	4	c	*	61	54	0.06
Liverpool (Bidston)	29.74	66	N	1	c	29.70	− .13	61	55	0	WSW	1	o	2	70	60	—
‡Holyhead	29.75	54	S	4	om	29.68	− .15	52	52	− 2	SSW	5	om	4	57	51	0.03
Parsonstown	29.61	64	SW	1	b	29.69	− .08	52	51	− 6	WNW	1	om	*	66	50	0.23
‡Valencia	29.58	55	SSE	7	omg	29.72	− .03	55	52	+ 1	NNW	2	bc	2	57	49	0.37
Roche's Point	29.72	54	S	4	c	29.67	− .13	52	52	− 2	N	5	r	4	56	50	0.12
Pembroke	29.78	54	S	2	o	29.74	− .10	53	52	0	SSW	5	rm	3	56	52	0.03
‡Scilly	29.76	56	S	4	c	29.77	− .07	57	56	+ 1	SSW	5	r	3	58	50	—
Prawle Point	29.86	65	2	0	b	29.87	− .04	54	54	− 5	SW	4	f	3	62	52	0.01
Hurst Castle	29.91	70	SSW	1	b	29.88	− .04	56	55	− 6	WSW	4	m	2	70	54	—
‡Dungeness	29.92	65	2	0	b	29.86	− .08	60	58	+ 1	SW	3	b	2	68	57	—
‡London	29.87	77	SSW	3	b	29.82	− .08	73	65	+ 1	SW	2	b	*	83	58	—
Oxford	29.85	69	SSW	3	b	29.79	− .09	70	62	+ 2	SSW	3	bc	*	81	59	—
Cambridge	29.84	73	S	1	b	29.77	− .12	73	67	+ 4	SW	1	b	*	85	55	—
‡Yarmouth	29.86	63	S	2	b	29.81	− .10	63	59	+ 3	SSW	3	b	2	65	57	—
The Helder	29.91	65	SW	1	b	29.87	− .07	70	65	+ 5	S	1	b	1	75	54	—
Cape Gris Nez																	
‡Jersey	29.86	74	SE	1	bm	29.98	.00	57	57	− 7	W	3	f	3	77	55	—
Brest	29.86	64	SSE	3	b	29.91	+ .01	55	55	− 3	SSW	4	o	4	73	54	—
Lorient	29.91	64	S	4	b	29.99	+ .07	57	57	− 4	W	5	m	2	75	50	—
‡Rochefort	29.97	73	SSW	3	b	30.02	+ .02	66	61	+ 2	S	4	b	2	88	57	—
Biarritz	29.89	90	S	4	b	30.00	+ .09	65	62	− 16	E	4	b	1	91	61	—
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29.91	− .07	75	65	+ 7	S	3	b	*	83	64	—
Charleville	29.99	75	WSW	4	b	30.01	− .03	67	60	+ 4	SW	4	b	*	85	54	—
Paris	29.97	62	S	3	bc	30.00	− .03	74	66	+ 3	S	3	b	*	*	*	—
Lyons														*			
Toulon	30.14	68	S	1	b	30.15	+ .07	67	56	+ 1	E	3	m	1	75	64	—

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Frederick Hampertsoll Lith London

WEATHER CHARTS

for 8 a.m. on Friday 5th June 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

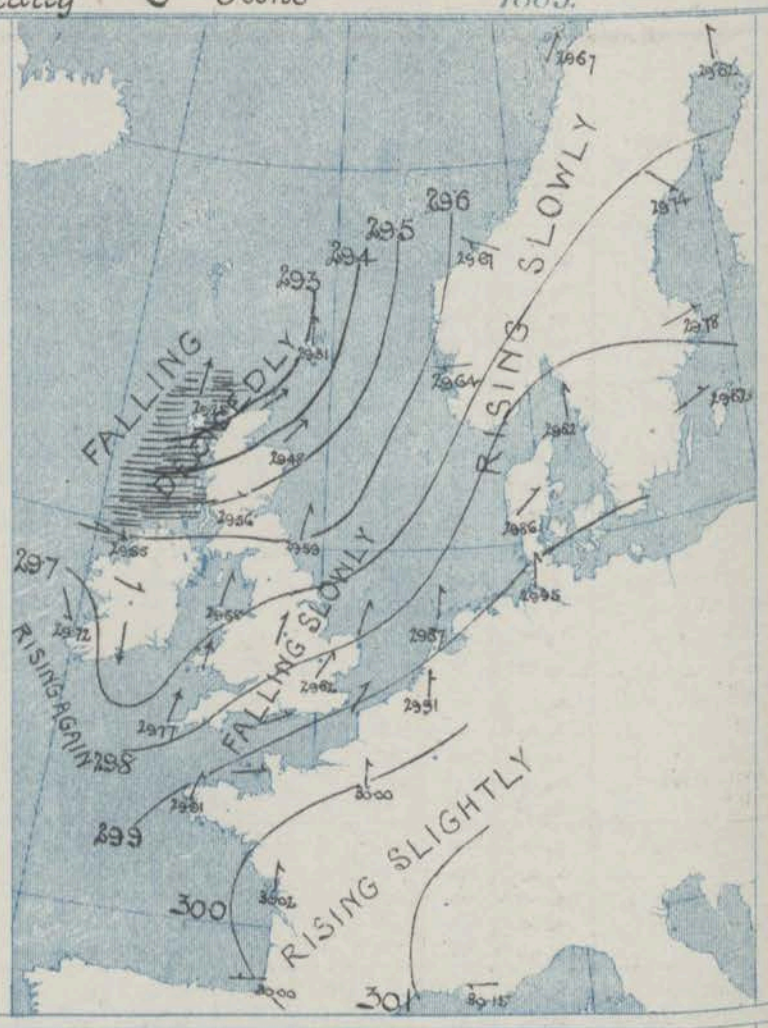
⟹ = forces above 10; ⟶ = forces 6 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough; = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956



TEMPERATURE, & WEATHER at 8 A.M.,

with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

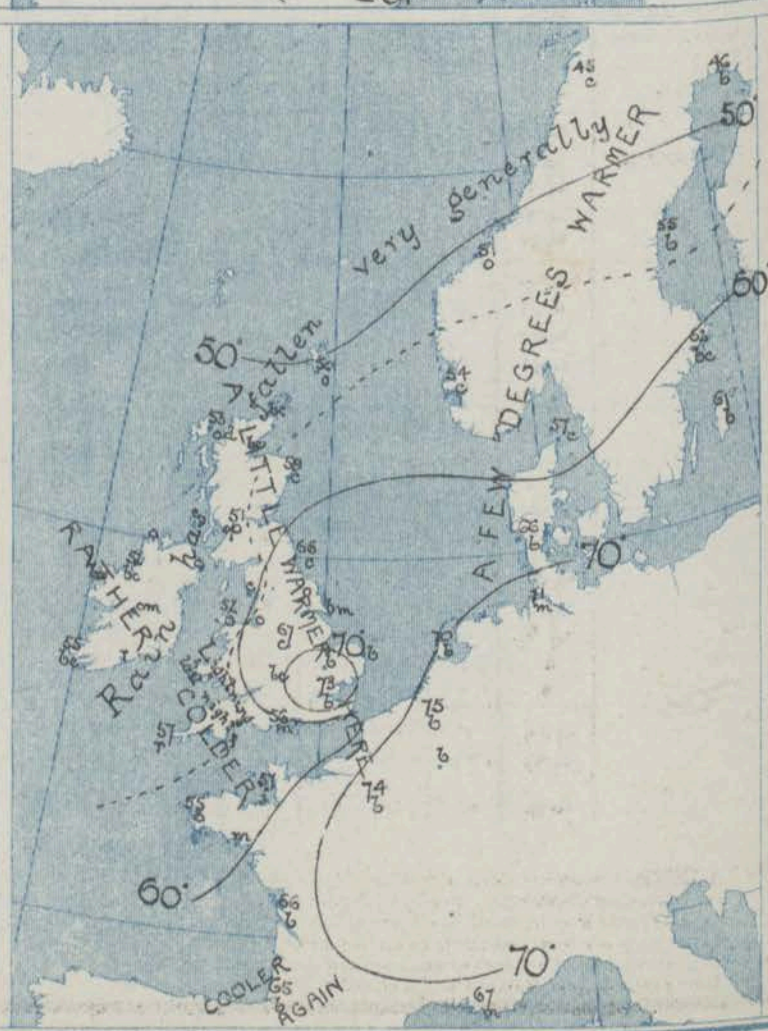
Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches).
Sumburgh Head	54 · 9	45 · 5	50 · 7	49 · 1	2 · 04
Stornoway	58 · 3	46 · 4	54 · 2	51 · 7	3 · 03
Wick	59 · 2	46 · 0	53 · 3	50 · 7	1 · 59
Nairn	62 · 7	48 · 4	54 · 8	50 · 8	2 · 00
Aberdeen	61 · 5	48 · 2	54 · 8	51 · 1	1 · 87
Leith	65 · 2	48 · 4	56 · 4	53 · 1	1 · 96
Shields	61 · 2	50 · 1	55 · 2	51 · 9	1 · 76
York	66 · 5	48 · 6	56 · 6	53 · 2	2 · 47
Ardrossan	63 · 1	50 · 6	55 · 6	52 · 1	2 · 77
Donaghadee	61 · 4	49 · 4	55 · 4	53 · 3	2 · 12
Holyhead	62 · 5	52 · 1	55 · 7	53 · 3	1 · 98
Liverpool	64 · 2	51 · 2	56 · 9	53 · 0	1 · 87
Valencia	62 · 0	51 · 3	56 · 9	53 · 9	3 · 52
Roche's Point	66 · 1	51 · 5	56 · 8	53 · 6	3 · 36
Pembroke	61 · 2	51 · 8	55 · 4	53 · 2	2 · 07
Scilly	61 · 5	53 · 4	57 · 2	55 · 2	1 · 89
Hurst Castle	64 · 1	52 · 7	58 · 1	55 · 9	1 · 98
Dover	63 · 8	53 · 5	59 · 1	55 · 5	1 · 76
LONDON	70 · 0	50 · 7	59 · 5	55 · 3	2 · 24
Oxford	67 · 8	49 · 1	57 · 2	53 · 9	2 · 22
Cambridge	69 · 4	49 · 0	58 · 1	54 · 9	2 · 30
Yarmouth	62 · 6	51 · 7	57 · 2	54 · 4	2 · 12

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Friday 5th June 1885, at 8 a.m.

A large depression is now lying off the northwest of Scotland, while a subsidiary disturbance is found at the mouth of the St George's Channel, and the barometer is falling in all parts of Great Britain, while it is rising at the Irish and most of the Continental stations. Pressure is highest in the southeast of France. The wind has veered to W or NW in Ireland but elsewhere it is SWly or Sly, and at some of our northern stations it blows strongly. Rain is falling on many parts of our western and southwestern coasts, and fog is reported at Prawle Point and Jersey, but at our more eastern stations, as well as in the extreme west of Ireland, the weather is fine. Rain fell yesterday in the west and north of our Islands, and lightning was seen during the night at Pembroke and Prawle Point. Temperature has risen a few degrees over the eastern parts of Great Britain, but fallen in the west; readings now range from 73° in London and at Cambridge to 50° at Lerwick Head and Malin Head. The highest maxima registered yesterday were 85° at Cambridge, 84° at Loughborough, 83° in London and 81° at York and Clifford. The sea is rough at Stornoway, rather rough at Malin Head, moderate to smooth elsewhere.

The small depression at the mouth of the St George's Channel is likely to extend eastward and occasion unsettled thundery weather over England.

ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 30th ult: in Long: 48° W. Lat: about 45° N.

FORECASTS

for the 24 hours ending at NOON on 6th June *1885.*

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SWly winds, fresh; unsettled, some showers.	6 SCOTLAND WEST	SWly to Wly winds, moderate, changeable, showery, thunderstorms locally.
1 SCOTLAND EAST	..... Do ..... Do	7 ENGLAND N.W.	..... Do ..... Do .....
2 ENGLAND N.E.	Same as No. 5.	8 ENGLAND S.W	..... Do ..... Do .....
3 ENGLAND EAST	..... Do ..... Do	9 IRELAND NORTH	Wly and NWly winds, moderate; changeable, some showers.
4 MIDLAND COUNTIES	..... Do ..... Do	10 IRELAND SOUTH	..... Do ..... Do .....
5 ENGLAND SOUTH	Sly and SWly winds, moderate; weather becoming unsettled, rainy and thundery.	WARNINGS	None issued

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.77	50	50	WSW	3	rf	4	Holyhead	29.50	54	54	SSW	3	o	3
Sumburgh Head	29.69	54	51	W	4	c	3	Valencia	29.65	55	54	SE	6	ovrd	6
Stornoway	29.69	55	51	SSW	5	og	4	Scilly	29.81	58	57	S	4	f	3
Aberdeen	29.71	62	58	S	3	c	1	Dungeness	29.94	64	60	SSW	2	b	1
Shields	29.75	65	58	E	2	b	2	London	29.88	57	64	SSW	3	b	*
Ardrossan	29.72	57	56	Z	0	c	0	Yarmouth	29.88	64	59	SSE	4	b	4
Malin Head	29.67	51	51	E	2	r	2	Jersey	29.89	64	64	ESE	1	b	1
Mullaghmore	29.64	54	56	SE	4	or	2	Rochefort	29.99	59	72	SSE	3	b	2
Belmullet	29.55	57	55	SE	3	r	*								

REMARKS.

The barometer is again falling steadily in the far west, and the wind is freshening from SE. in the west of Ireland, with rainy weather and a rough sea. In the east and south-east of England the weather is bright and very warm. The sea is rough at Valencia, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Satur-day 6th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.41	41	WSW	2	b	29.41	− .21	46	43	0	E	4	r	*	55	37	—
Hernösand	29.63	46	SSW	2	o	29.32	− .42	58	55	+ 3	SSW	2	b	*	63	46	0.04
Stockholm	29.74	65	S	2	b	29.63	− .15	78	64	+ 11	SW	4	b	*	75	55	—
Wisby	29.79	66	SW	4	b	29.78	− .09	71	62	+ 10	WSW	4	bc	*	79	59	—
Bodö	29.45	51	ENE	2	o	29.25	− .42	47	46	+ 2	SW	5	c	3	52	43	0.28
Christiansund	29.30	53	ENE	1	*	29.38	− .29	47	43	− 4	WSW	9	r	5	55	45	0.16
‡Skudesnaes	29.67	52	WSW	2	o	29.82	+ .18	51	48	− 3	W	4	c	4	55	?	—
Oxö (Xtiansand)	29.68	54	SW	4	m	29.82	.00	56	51	+ 3	WSW	4	bc	3	63	50	—
Skagen (The Skaw)	29.72	63	WSW	3	b	29.80	− .02	56	53	− 1	WSW	4	c	2	79	52	—
Fanö	29.81	57	WSW	4	b	29.91	+ .05	59	55	− 7	NW	4	c	*	73	54	—
Cuxhaven	29.87	71	WSW	1	m	29.89	− .06	67	65	− 4	WSW	2	b	*	73	66	—
‡Sumburgh Head	29.42	49	WSW	6	c	29.75	+ .44	48	45	− 2	W	4	c	4	56	47	0.07
‡Stornoway	29.61	49	W	7	og	29.95	+ .70	50	46	− 2	WNW	4	cp	3	54	42	0.11
Wick	29.59	56	NW	5	o	29.88	+ .54	52	47	− 7	NW	4	c	3	63	42	0.05
Nairn	29.74	55	WNW	4	c	29.95	+ .60	49	45	− 11	WNW	2	c	2	63	44	—
‡Aberdeen	29.64	60	W	3	b	29.97	+ .49	53	47	− 6	WNW	4	b	1	69	41	—
Leith	29.71	56	WSW	2	bc	29.98	+ .46	55	48	− 2	WSW	2	b	*	62	45	0.01
‡Shields	29.74	60	WSW	2	c	30.00	+ .41	52	48	− 13	W	2	b	2	68	43	—
Spurn Head	29.77	63	WSW	4	bc	30.02	+ .32	54	52	− 13	N	3	bc	2	76	53	0.06
York	29.78	59	W	3	o	30.04	+ .36	53	48	− 13	NNW	1	b	*	75	44	0.04
Loughborough	29.80	67	SW	4	c	30.03	+ .29	55	51	− 12	ENE	3	ogm	*	77	53	0.07
‡Ardrossan	29.98	55	WNW	4	c	30.02	+ .46	53	49	+ 2	WNW	1	b	1	58	47	—
Malin Head	29.61	52	WNW	4	c	30.10	+ .46	50	48	0	W	2	bc	2	60	47	—
‡Mullaghmore	29.86	54	WNW	5	bc	30.02	+ .37	54	49	+ 2	Z	0	bc	0	57	50	—
‡Belmullet	29.86	52	WNW	2	b	29.99	+ .34	53	48	0	E	1	bc	0	55	42	—
Donaghadee	29.84	53	NNW	2	bc	30.05	+ .43	53	50	− 1	ENE	1	b	0	61	39	—
Barrow-in-Furness	29.80	53	NW	3	o	30.02	+ .36	50	48	− 5	N	3	b	*	55	46	0.09
Liverpool (Bidston)	29.84	52	WNW	1	o	30.03	+ .38	57	49	− 4	NNE	1	b	2	64	49	0.05
‡Holyhead	29.84	53	WNW	1	bc	30.05	+ .37	54	50	+ 2	ENE	3	bc	2	55	48	0.14
Parsonstown	29.86	61	WNW	1	b	30.03	+ .34	54	49	+ 2	SSE	1	b	*	62	38	—
‡Valencia	29.93	55	NW	4	b	29.99	+ .27	56	50	+ 1	NNE	1	bc	1	59	? 41	—
Roche's Point	29.92	59	NNW	4	bc	30.07	+ .34	55	51	+ 3	ESE	4	bc	4	63	46	—
Pembroke	29.85	53	NE	3	o	29.98	+ .24	56	53	+ 3	ENE	3	b	2	56	47	0.21
‡Scilly	29.84	55	WNW	3	f	29.91	+ .14	54	53	− 3	N	3	f	3	58	50	0.06
Prawle Point	29.91	55	SSW	4	f	29.97	+ .10	55	55	+ 1	Z	0	f	2	57	52	0.30
Hurst Castle	29.94	57	SW	4	c	29.99	+ .11	55	55	− 1	SW	3	m	2	70	54	0.13
‡Dungeness	29.94	63	WNW	4	b	30.02	+ .16	57	56	− 3	WSW	2	f	2	64	55	—
‡London	29.92	66	SSW	3	bc	30.02	+ .20	59	58	− 14	S	1	fr	*	79	59	0.16
Oxford	29.94	63	S	3	o	30.00	+ .21	54	54	− 16	NE	3	od	*	75	54	0.06
Cambridge	29.86	66	SW	2	c	30.02	+ .25	52	51	− 21	NE	2	r	*	80	51	0.39
‡Yarmouth	29.83	72	WSW	4	b	29.99	+ .18	53	52	− 10	N	3	or	3	79	51	0.13
The Helder	29.87	61	SW	3	b	29.99	+ .12	59	57	− 11	SW	3	o	3	79	57	—
Cape Gris Nez																	
‡Jersey	29.97	62	S	2	c	30.04	+ .11	58	58	+ 1	S	3	ogm	3	67	55	0.07
Brest	29.98	57	SSW	5	o	29.99	+ .08	56	56	+ 1	S	4	m	4	73	54	0.08
Lorient	30.04	61	SW	4	o	30.05	+ .06	59	59	+ 2	SSW	3	c	2	64	52	—
‡Rochefort	30.09	68	WNW	5	b	30.08	+ .06	64	60	− 2	SE	4	c	2	81	54	—
Biarritz	30.02	73	NW	3	b	30.03	+ .03	64	60	− 1	ESE	4	m	2	77	59	—
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30.64	+ .73	68	61	− 7	W	2	c	*	87	62	—
Charleville	?29.99	82	SW	5	b	?30.06	+ .05	67	62	0	SSW	4	b	*	90	58	—
Paris	30.00	80	S	3	b	30.08	+ .08	72	65	− 2	Z	0	bc	*	*	*	—
Lyons	30.09	79	SSE	3	b	30.13	.00	67	57	+ 2	ESE	1	b	*	86	57	—
Toulon	30.17	68	SW	1	m	30.15	.00	68	57	+ 1	NW	1	m	1	79	61	—

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred^k Daniel Lith London

WEATHER CHARTS

for 8 a.m. on Saturday 6th June 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevailing winds. They fly with the wind and their barbs and feathers refer to force, thus —*

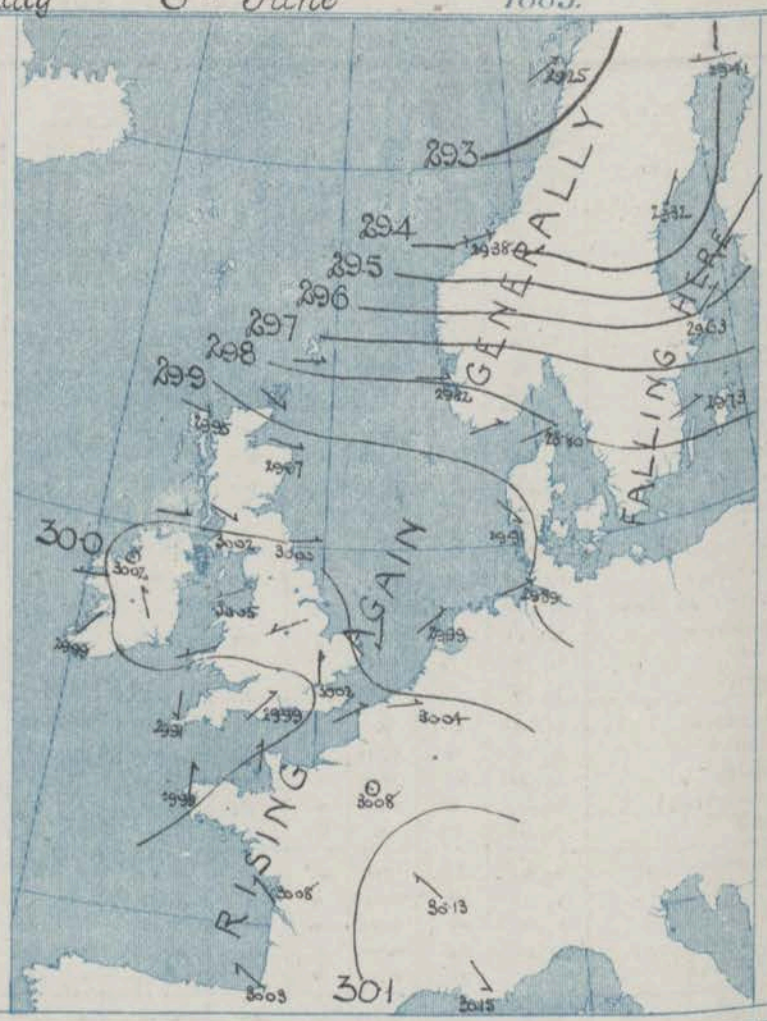
» → = forces above 10, » → = forces 8 to 10,
→ = forces 5 to 7, → = forces 1 to 4,
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.*

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches)
Sumburgh Head	54 · 9	45 · 5	50 · 7	49 · 1	2 · 04
Stornoway	58 · 3	46 · 4	54 · 2	51 · 7	3 · 03
Wick	59 · 2	46 · 0	53 · 3	50 · 7	1 · 59
Nairn	62 · 7	48 · 4	54 · 8	50 · 8	2 · 00
Aberdeen	61 · 5	48 · 2	54 · 8	51 · 1	1 · 87
Leith	65 · 2	48 · 4	56 · 4	53 · 1	1 · 96
Shields	61 · 2	50 · 1	55 · 2	51 · 9	1 · 76
York	66 · 5	48 · 6	56 · 6	53 · 2	2 · 47
Ardrossan	63 · 1	50 · 6	55 · 6	52 · 1	2 · 77
Donaghadee	61 · 4	49 · 4	55 · 4	53 · 3	2 · 12
Holyhead	62 · 5	52 · 1	55 · 7	53 · 3	1 · 98
Liverpool	64 · 2	51 · 2	56 · 9	53 · 0	1 · 87
Valencia	62 · 0	51 · 3	56 · 9	53 · 9	3 · 52
Roche's Point	66 · 1	51 · 5	56 · 8	53 · 6	3 · 36
Pembroke	61 · 2	51 · 8	55 · 4	53 · 2	2 · 07
Scilly	61 · 5	53 · 4	57 · 2	55 · 2	1 · 89
Hurst Castle	64 · 1	52 · 7	58 · 1	55 · 9	1 · 98
Dover	63 · 8	53 · 5	59 · 1	55 · 5	1 · 76
LONDON	70 · 0	50 · 7	59 · 5	55 · 3	2 · 24
Oxford	67 · 8	49 · 1	57 · 2	53 · 9	2 · 22
Cambridge	69 · 4	49 · 0	58 · 1	54 · 9	2 · 30
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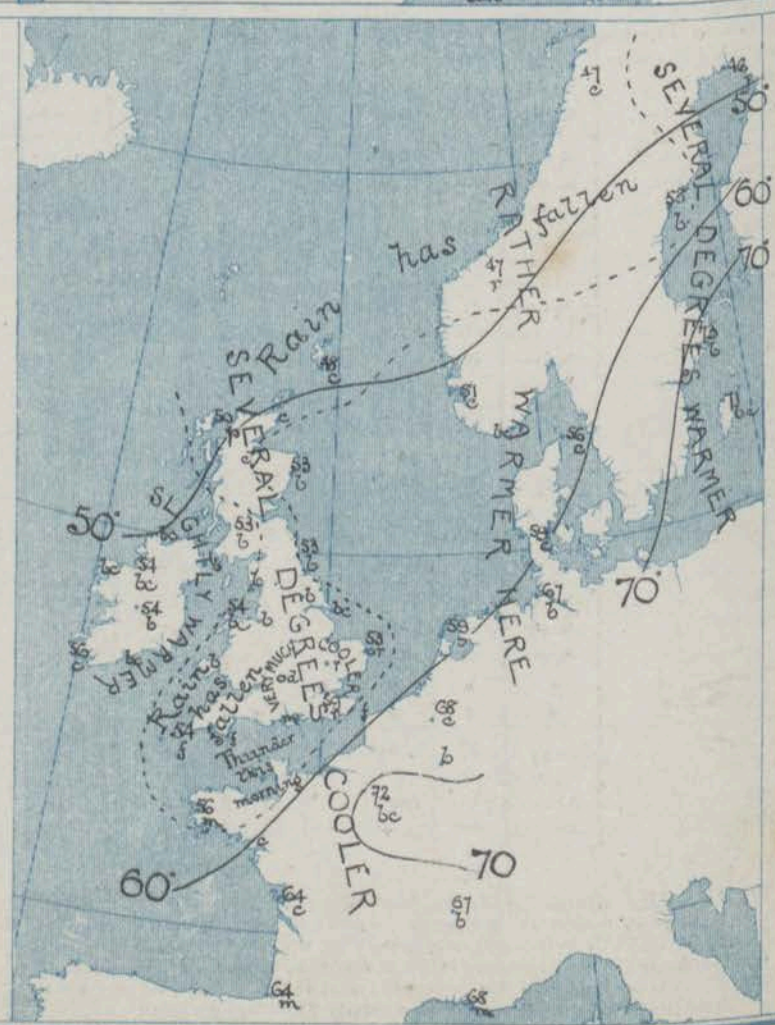
NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Saturday 6th June 1885, at 8 a.m.

The rise of the barometer noticed over Ireland yesterday has since extended to all but the Swedish stations, and although pressure is still highest in the south east of France an area of relatively high readings has been formed over Ireland and the northern parts of England. The wind is moderate from NW or W. over Scotland and the eastern shores of the North Sea, but in the south of Ireland and the more central parts of England it is light from NE, while in the Channel and north of France it is SWly or Sly. Rain is falling over our midland and southeastern counties as well as at Christiansund, and fog or mist prevails at the Channel stations, but elsewhere the weather is generally fine. A solar halo is now reported at Jersey, and distant thunder was heard there early this morning. Temperature has fallen considerably over the eastern and central parts of Great Britain, the change in the twenty four hours being as much as 14° in London, 16° at Oxford and 21° at Cambridge; readings now range from 59° in London to 48° in the Shetlands. The maximum temperatures registered over England yesterday occurred mostly in the early part of the day, when the thermometer rose to 79° in London and at Yarmouth and 80° at Cambridge. The sea is moderate at Lerwick Nd and Rocks Pt, slight or smooth elsewhere.

The irregularities in pressure over southeastern England are likely to disappear shortly, and an improvement in the weather is therefore probable.

ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 30th and 31st ults between Longs 46° and 51° W, Lat: about 45° to 46° N.

FORECASTS

for the 24 hours ending at NOON on 7th June 1885.

(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Wly winds, moderate; fair generally.	6 SCOTLAND WEST	Light variable breezes; fair generally.
1 SCOTLAND EAST	------- Do ------- Do -------	7 ENGLAND N.W.	------- Do ------- Do -------
2 ENGLAND N.E.	NWly winds light; fair generally.	8 ENGLAND S.W	SEly winds, moderate; fair generally, but local fogs.
3 ENGLAND EAST	NEly winds, light or moderate; cloudy to fine.	9 IRELAND NORTH	Same as Nos 6 and 7.
4 MIDLAND COUNTIES	------- Do ------- Do -------	10 IRELAND SOUTH	SEly winds, moderate; fair generally
5 ENGLAND SOUTH	Variable breezes; cloudy and unsettled at first, then fine.	WARNINGS	None Issued.

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.61	55	52	SSE	7	cf	6	Holyhead	29.80	58	58	NNW	2	cw	2
Sumburgh Head	29.31	51	49	SW	6	c	5	Valencia	29.88	55	55	NW	3	bc	3
Stornoway	29.51	54	49	WSW	8	bcq	6	Scilly	29.80	58	58	S	5	f	3
Aberdeen	29.54	68	57	WSW	5	bc	1	Dungeness	29.93	61	59	W	5	b	4
Shields	29.69	60	56	W	3	o	2	London	29.88	70	62	SSW	5	bc	*
Ardrossan	29.41	55	51	WNW	4	c	3	Yarmouth	29.79	69	62	S	4	b	3
Malin Head	29.69	56	53	WNW	5	bc	5	Jersey	29.97	66	62	WSW	1	bc	1
Mullaghmore	29.78	56	51	WNW	5	c	4	Rochefort							
Belmullet	29.79	53	50	WNW	2	b	*								

REMARKS.

The barometer is now rising in most places, and the wind has veered to the Wd. at several of our northern stations; at Stornoway a fresh gale is reported. The weather is fair on the whole, but temperature has fallen since the morning. The sea is rough in the extreme north, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Sunday 7th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.34	46	S	2	b	29.42	+ .01	50	42	+ 4	W	6	b	*	?	39	—
Hernösand	29.67	54	NW	6	bc	29.86	+ .54	49	40	— 9	NW	8	b	*	70	43	—
Stockholm	29.75	?	WSW	6	b	29.93	+ .30	55	46	— 18	E	6	b	*	77	51	—
Wisby	29.78	59	W	4	b	29.88	+ .15	53	49	— 19	W	4	b	*	54	?	—
Bodö	29.27	43	WSW	9	r	29.50	+ .25	42	41	— 5	WSW	9	o	7	48	37	0.28
Christiansund	29.86	44	WSW	8	o	29.98	+ .60	48	40	— 5	SW	4	o	5	45	36	0.12
‡Skudesnaes	30.00	49	W	4	o	30.06	+ .24	48	42	— 3	NNW	4	c	3	55	?	—
Oxö (Christiansand)	29.93	54	W	4	b	30.02	+ .20	48	45	— 7	SW	4	b	2	55	46	—
Skagen (The Skaw)	29.91	51	W	4	b	29.99	+ .19	52	47	— 4	WNW	3	b	1	61	48	—
Fanö	30.04	49	NNW	4	b	30.06	+ .15	55	50	— 4	NE	4	b	*	59	43	—
Cuxhaven	30.05	54	WNW	2	c	30.07	+ .18	60	58	— 7	E	2	c	*	70	54	—
‡Sumburgh Head	30.00	46	NNW	3	bc	30.01	+ .26	46	43	— 2	SSE	?	c	4	50	37	—
‡Stornoway	30.00	48	NE	1	c	? 29.91	+ .04	53	49	+ 3	? NNW	1	b	0	53	37	0.03
Wick	30.05	51	W	3	bc	29.95	+ .07	51	49	— 1	S	4	c	2	55	45	—
Nairn	30.01	55	WNW	2	bc	29.94	— .01	50	45	+ 1	WNW	1	c	1	61	34	—
‡Aberdeen	30.05	51	SE	4	c	30.00	+ .03	53	50	0	SSE	4	c	2	60	45	—
Leith	29.99	58	W	2	b	29.91	— .07	50	48	— 5	SW	1	c	*	65	47	—
‡Shields	30.04	52	E	3	c	29.92	— .08	49	49	— 4	E	2	r	2	58	47	—
Spurn Head	30.04	53	ESE	3	b	29.83	— .19	52	52	— 2	ESE	5	rm	3	57	49	0.30
York	30.04	57	E	2	b	29.88	— .16	55	54	+ 2	ENE	1	r	*	67	47	0.45
Loughborough	30.01	59	ESE	3	o	29.94	— .19	55	55	0	SE	1	og	*	67	51	0.72
‡Ardrossan	30.00	56	WSW	1	o	29.87	— .15	52	47	— 1	ENE	3	o	2	54	41	—
Malin Head	29.96	52	ENE	4	b	29.83	— .17	51	49	+ 1	E	4	m	3	56	48	—
‡Mullaghmore	29.94	60	NNW	1	c	29.82	— .20	54	49	0	ENE	3	bm	2	61	50	—
‡Belmullet	29.94	56	ENE	3	b	29.80	— .19	55	50	+ 2	ENE	3	b	8	58	46	—
Donaghadee	30.02	54	NE	1	b	29.94	— .21	50	50	— 3	E	2	o	0	66	49	—
Barrow-in-Furness	30.00	58	SSE	1	b	29.82	— .20	50	49	0	NE	4	r	*	59	49	0.10
Liverpool (Bidston)	29.98	58	N	1	b	29.80	— .23	54	53	— 3	ESE	2	o	3	61	50	0.27
‡Holyhead	29.97	? 52	NE	4	bc	29.78	— .27	56	56	+ 2	SSW	3	m	2	58	55	0.28
Parsonstown	29.92	61	SSE	1	c	29.77	— .26	53	52	— 1	N	1	om	*	65	48	0.03
‡Valencia	29.88	58	NNW	2	o	29.72	— .27	57	55	+ 1	NNE	2	o	2	63	51	0.08
Roche's Point	29.90	56	ESE	5	c	29.73	— .28	56	56	+ 1	E	3	f	4	61	50	0.04
Pembroke	29.90	56	ESE	4	o	29.77	— .21	54	54	— 2	SSW	4	f	3	61	53	0.34
‡Scilly	29.86	56	SSE	3	f	29.77	— .14	57	57	+ 3	SSW	4	f	3	57	51	0.07
Prawle Point	29.97	56	S	1	f	29.87	— .10	55	55	0	SSW	1	f	2	59	52	0.35
Hurst Castle	30.01	57	SSW	2	f	29.89	— .10	55	55	0	WSW	4	m	2	62	54	0.10
‡Dungeness	30.03	57	W	2	c	29.85	— .17	59	58	+ 2	SW	3	bc	2	60	57	0.12
‡London	30.00	62	SSW	1	o	29.84	— .18	63	58	+ 4	SW	3	c	*	63	56	0.15
Oxford	29.99	55	ENE	3	o	29.84	— .16	62	61	+ 8	S	1	o	*	62	52	0.18
Cambridge	30.03	54	E	1	r	29.83	— .19	60	60	+ 8	Z	0	o	*	60	51	0.09
‡Yarmouth	30.04	? 57	NE	3	c	29.84	— .15	56	55	+ 3	SE	3	cm	4	62	53	0.08
The Helder	30.03	55	NNE	1	r	29.97	— .02	60	59	+ 1	ESE	1	r	1	61	54	0.21
Cape Gris Nez	29.98	60	SW	1	c	? 29.87		67	62		SW	7	b	5	?	57	0.28
‡Jersey	29.97	66	E	1	b	29.93	— .11	59	58	+ 1	SSE	3	om	3	67	54	0.08
Brest	29.97	57	SSW	5	o	29.89	— .10	57	56	+ 1	SSW	5	m	5	59	55	—
Lorient	29.97	62	WSW	3	c	29.97	— .08	61	59	+ 2	SSW	4	o	3	73	54	—
‡Rochefort	30.05	72	WSW	4	b	30.04	— .04	64	63	0	SE	3	m	2	82	55	—
Biarritz	29.99	77	ENE	3	b	29.99	— .04	65	62	+ 1	E	3	c	1	88	61	—
Coruña	*	*	*	*	*	? 30.06	— .07	66	64	— 5	SSW	3	o		81	59	—
Brussels	*	*	*	*	*	29.92	— .12	71	64	+ 3	SE	3	c	*	78	61	—
Charleville	? 30.06	82	WNW	4	o	? 30.01	— .05	69	61	+ 2	WNW	5	b	*	86	55	—
Paris	30.04	77	W	3	b	29.97	— .11	75	67	+ 3	S	1	b	*	*	*	—
Lyons	30.02	75	SSE	4	c	30.08	— .05	65	56	— 2	SE	1	b	*	88	56	—
Toulon	30.13	66	NW	5	c	30.14	— .01	64	55	— 4	NW	3	c	2	75	59	—

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred Bangerfield Lith London

WEATHER CHARTS

for 8 a.m. on Sunday. 7th June. 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

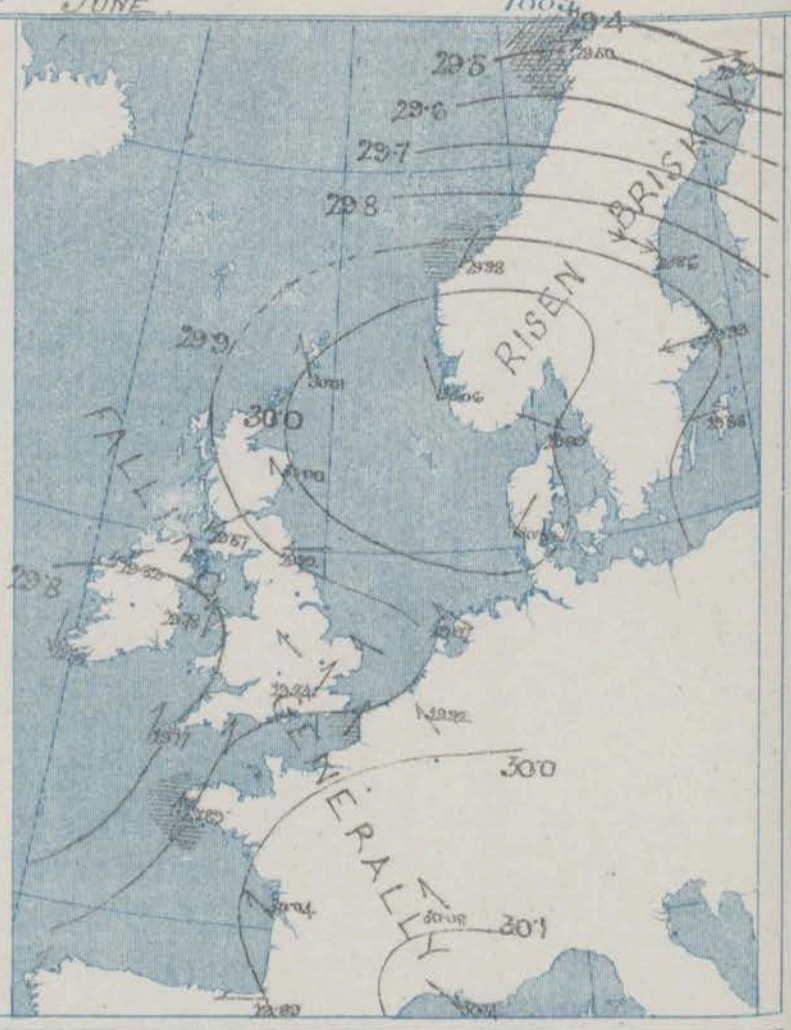
» ⟶ = forces above 10; ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956



TEMPERATURE, & WEATHER at 8 A.M.,

with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather is shown by Letters of the Beaufort Scale.

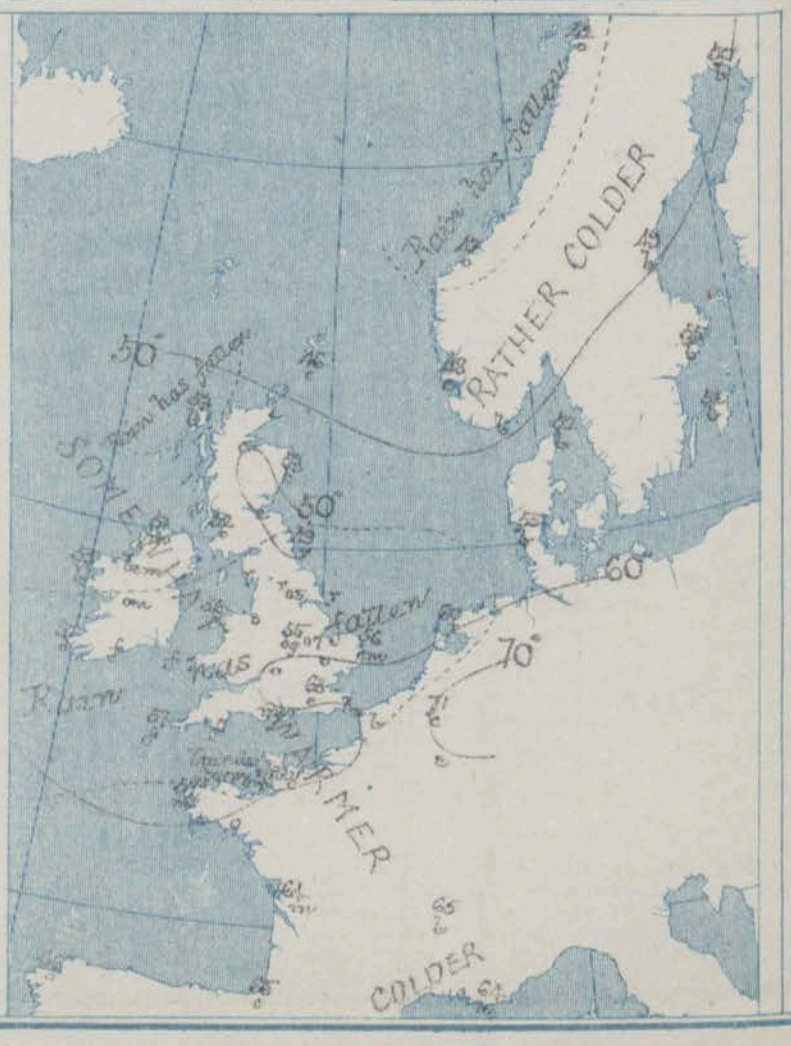
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches).
Sumburgh Head	54 · 9	45 · 5	50 · 7	49 · 1	2 · 04
Stornoway	58 · 3	46 · 4	54 · 2	51 · 7	3 · 03
Wick	59 · 2	46 · 0	53 · 3	50 · 7	1 · 59
Nairn	62 · 7	48 · 4	54 · 8	50 · 8	2 · 00
Aberdeen	61 · 5	48 · 2	54 · 8	51 · 1	1 · 87
Leith	65 · 2	48 · 4	56 · 4	53 · 1	1 · 96
Shields	61 · 2	50 · 1	55 · 2	51 · 9	1 · 76
York	66 · 5	48 · 6	56 · 6	53 · 2	2 · 47
Ardrossan	63 · 1	50 · 6	55 · 6	52 · 1	2 · 77
Donaghadee	61 · 4	49 · 4	55 · 4	53 · 3	2 · 12
Holyhead	62 · 5	52 · 1	55 · 7	53 · 3	1 · 98
Liverpool	64 · 2	51 · 2	56 · 9	53 · 0	1 · 87
Valencia	62 · 0	51 · 3	56 · 9	53 · 9	3 · 52
Roche's Point	66 · 1	51 · 5	56 · 8	53 · 6	3 · 36
Pembroke	61 · 2	51 · 8	55 · 4	53 · 2	2 · 07
Scilly	61 · 5	53 · 4	57 · 2	55 · 2	1 · 89
Hurst Castle	64 · 1	52 · 7	58 · 1	55 · 9	1 · 98
Dover	63 · 8	53 · 5	59 · 1	55 · 5	1 · 76
LONDON	70 · 0	50 · 7	59 · 5	55 · 3	2 · 24
Oxford	67 · 8	49 · 1	57 · 2	53 · 9	2 · 22
Cambridge	69 · 4	49 · 0	58 · 1	54 · 9	2 · 30
Yarmouth	62 · 6	51 · 7	57 · 2	54 · 4	2 · 12

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Sunday 7th June 1885, at 8 a.m.

Pressure is still highest in the south east of France, but the area of relatively high readings which lay over our Islands yesterday has moved away to the North Sea and south of Norway. In the meantime a large shallow depression has appeared over our western coasts, while a subsidiary disturbance has been formed over our south eastern districts, and the barometer is consequently falling in most parts of our Islands and France. The wind is light or moderate from SW or S. on our southern coasts, and from SE or E. in the north, but in the north of Scandinavia it is strong to a gale from the Wnd. Fog prevails on our south west coasts, rain in the north of England and overcast skies at the central stations, but elsewhere the weather is fine. Rain fell yesterday on all but our north and northwest coasts, and thunder was heard at Jersey. Temperature has changed rather irregularly, and readings now range from 63° in London to 46° at Stornoway Head. The sea is slight or smooth on nearly all coasts.

ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that icebergs have again been seen between Long. 46° and 49° W. on the 1st, and in Long 51° on the 2nd (Lat. about 46° to 47° N.)

FORECASTS

for the 24 hours ending at NOON on 8th June 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None issued	6 SCOTLAND WEST	None issued
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnues	29·95	55	49	WSW	4	o	3
Sumburgh Head	29·95	47	45	NNW	4	c	4
Stornoway	30·02	51	48	SE	3	cp	3
Aberdeen	30·03	50	48	S	5	bc	2
Shields	30·04	53	49	E	2	b	2
Ardrossan	30·04	57	52	SW	1	b	1
Malin Head	30·00	53	50	ENE	3	b	2
Mullaghmore	30·00	57	52	N	2	bv	2
Belmullet	29·98	57	52	SW	1	b	*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead	30·04	55	51	NNE	4	bc	3
Valencia	29·93	61	57	NE	4	o	4
Scilly	29·91	55	54	ESE	3	f	2
Dungeness	30·04	60	59	W	3	c	2
London	30·02	63	60	WNW	1	o	*
Yarmouth	30·04	?57	56	NNE	4	c	3
Jersey	30·02	63	62	SSE	1	o	1
Rochefort	30·09	49	67	2	0	o	2

REMARKS.

The barometer continues to rise at all but our western stations, and variable breezes are reported generally. Fog still prevails at Scilly and overcast skies in the south-east of England, but elsewhere the weather is fair. The sea is moderate to smooth.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Monday 8th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 9 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 9 a.m. yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.63	47	W	4	b	29.80	+ .38	47	40	— 3	NW	4	c	*	52	39	—
Hernösand	29.94	50	NW	2	b	30.04	+ .18	49	45	0	Z	0	bc	*	59	41	—
Stockholm	29.93	49	SSE	2	o	29.90	— .03	51	45	— 4	NE	4	o	*	60	48	—
Wisby	29.87	55	SE	4	o	29.85	— .03	54	54	+ 2	W	4	o	*	70	?	0.16
Bodö	29.80	38	WNW	6	c	29.91	+ .41	38	37	— 4	W	4	bc	3	45	36	0.08
Christiansund	30.06	42	W	4	r	29.99	+ .01	48	48	+ 6	E	2	b	4	?	34	—
‡Skudesnaes	29.95	49	NNW	6	c	29.97	— .09	51	45	+ 3	NNW	4	b	3	50	48	—
Oxö (Christiansand)	29.90	49	SW	2	o	29.94	— .08	52	48	+ 4	NE	6	b	2	54	45	—
Skagen (The Skaw)	29.91	62	Z	0	o	29.93	— .06	54	50	+ 2	NNE	3	b	0	57	50	—
Fanö	29.87	53	ENE	4	c	29.88	— .18	53	52	— 2	ENE	4	o	*	63	50	0.12
Cuxhaven	29.85	64	WNW	3	b	29.89	— .18	61	60	+ 1	WNW	2	o	*	72	59	0.38
‡Sumburgh Head	29.94	48	SSE	3	c	30.01	.00	48	45	+ 2	SSW	2	c	2	50	40	—
‡Stornoway	29.93	55	NNW	2	b	30.01	+ .02	53	48	0	ENE	3	b	2	57	41	—
Wick	29.92	52	S	4	bc	30.01	+ .06	52	49	+ 1	S	2	bc	2	57	43	—
Nairn	29.87	59	ENE	1	b	29.99	+ .05	51	46	+ 1	ENE	1	b	1	61	44	—
‡Aberdeen	29.96	51	SE	4	bc	30.01	+ .01	54	49	+ 1	ESE	3	bc	2	56	43	—
Leith	29.91	51	ESE	3	o	29.97	+ .06	47	47	— 3	ESE	3	o	*	57	46	—
‡Shields	29.85	48	ENE	3	r	29.94	+ .02	47	47	— 2	NE	3	r	4	49	46	0.37
Spurn Head	29.81	54	ENE	3	c	29.81	— .02	52	52	0	ENE	3	m	3	57	50	0.08
York	29.85	53	NE	1	o	29.89	+ .01	51	50	— 4	NNE	1	m	*	56	49	0.41
Loughborough	29.80	67	SSE	2	o	29.89	— .02	53	53	— 2	N	3	dgm	*	68	52	0.80
‡Ardrossan	29.86	57	ENE	3	bc	29.93	+ .06	50	48	— 2	ENE	3	o	2	61	47	—
Malin Head	29.78	53	NNE	4	b	29.96	+ .13	51	48	0	ENE	3	b	3	56	47	—
‡Mullaghmore	29.80	59	NE	4	cm	29.92	+ .10	53	49	— 1	NE	5	c	4	61	52	—
‡Belmullet	29.80	54	NE	3	b	29.94	+ .14	52	49	— 3	NE	4	o	8	58	50	—
Donaghadee	29.84	52	E	3	c	29.90	+ .06	50	49	0	E	4	o	2	56	48	—
Barrow-in-Furness	29.79	53	NNE	3	o	29.81	— .01	52	50	+ 2	NE	2	c	*	55	49	0.15
Liverpool (Bidston)	29.79	59	ENE	1	o	29.81	+ .01	52	51	— 2	ENE	3	r	3	64	52	0.78
‡Holyhead	29.78	56	SSW	1	rm	29.81	+ .03	54	54	— 2	E	4	om	3	57	53	0.36
Parsonstown	29.76	55	NNE	1	o	29.86	+ .09	50	49	— 3	NNE	1	r	*	57	39	0.34
‡Valencia	29.72	61	N	3	o	29.84	+ .12	53	51	— 4	NE	4	r	4	63	51	0.24
Roche's Point	29.71	56	SE	2	f	29.74	+ .01	57	57	+ 1	NE	3	rf	3	60	49	0.20
Pembroke	29.78	54	SSW	3	f	29.75	— .02	55	55	+ 1	SSE	1	f	2	56	53	0.12
‡Scilly	29.76	57	SSE	3	f	29.74	— .03	57	56	0	S	1	fd	2	57	51	0.04
Prawle Point	29.84	55	SW	1	f	29.76	— .11	56	56	+ 1	Z	0	f	1	57	53	0.08
Hurst Castle	29.86	58	Z	0	m	29.74	— .15	57	57	— 2	NE	2	rm	2	64	55	0.33
‡Dungeness	29.89	61	WSW	1	c	29.70	— .15	58	58	— 1	ESE	3	r	3	63	55	0.55
‡London	29.86	66	SSW	3	ov	29.74	— .10	60	59	— 3	ESE	1	r	*	73	59	0.26
Oxford	29.83	62	S	2	bc	29.78	— .06	57	57	— 5	NE	1	r	*	68	55	0.08
Cambridge	29.85	66	S	1	o	29.77	— .06	59	59	— 1	N	1	r	*	73	55	0.08
‡Yarmouth	29.84	61	SE	2	bc	29.81	— .03	58	57	+ 2	Z	0	cmd	3	72	54	—
The Helder	29.86	60	SW	1	c	29.82	— .15	61	60	+ 1	ENE	1	o	1	75	55	0.04
Cape Gris Nez	29.87	61	SW	1	b	29.68	— .19	60	60	— 7	SSE	5	r	3	68	57	0.55
‡Jersey	29.86	64	NW	2	bc	29.76	— .17	58	58	— 1	NNW	1	cf	1	65	57	0.07
Brest	29.85	58	S	4	m	29.77	— .12	57	?	0	Z	0	m	3	59	52	0.04
Lorient	29.89	62	SW	4	o	29.80	— .17	58	57	— 3	W	4	o	3	73	54	0.12
‡Rochefort	29.90	70	WNW	5	o	29.90	— .14	63	61	— 1	SSW	4	o	2	77	54	0.28
Biarritz	29.90	64	W	7	b	29.89	— .12	64	62	— 1	E	3	o	?	77	57	0.35
Coruña	*	*	*	*	*												
Brussels	*	*	*	*	*	29.71	— .21	71	61	0	ENE	1	c	*	84	61	—
Charleville	29.88	87	SW	4	b	?29.76	— .25	69	60	0	SE	7	b	*	?	62	—
Paris	29.91	77	S	3	bc	29.7[illegible]	— .19	71	64	— 4	S	1	o	*	*	*	—
Lyons	?29.89	81	S	5	bc	29.92	— .16	64	55	— 1	E	1	bc	*	88	60	—
Toulon	30.04	65	NW	3	bc	30.00	— .14	66	58	+ 2	W	1	bc	1	75	?44	—

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred. Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Monday 8th June, 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

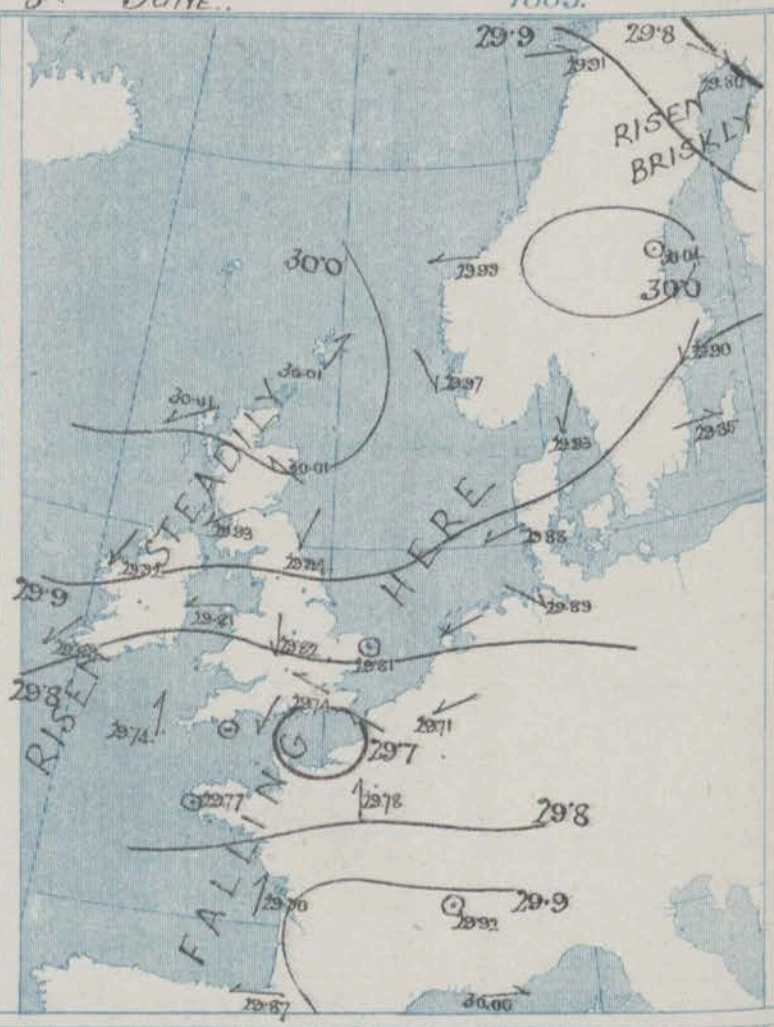
⟶ = forces above 10, ⟶ = forces 8 to 10,
⟶ = forces 5 to 7, ⟶ = forces 1 to 4,
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. in.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

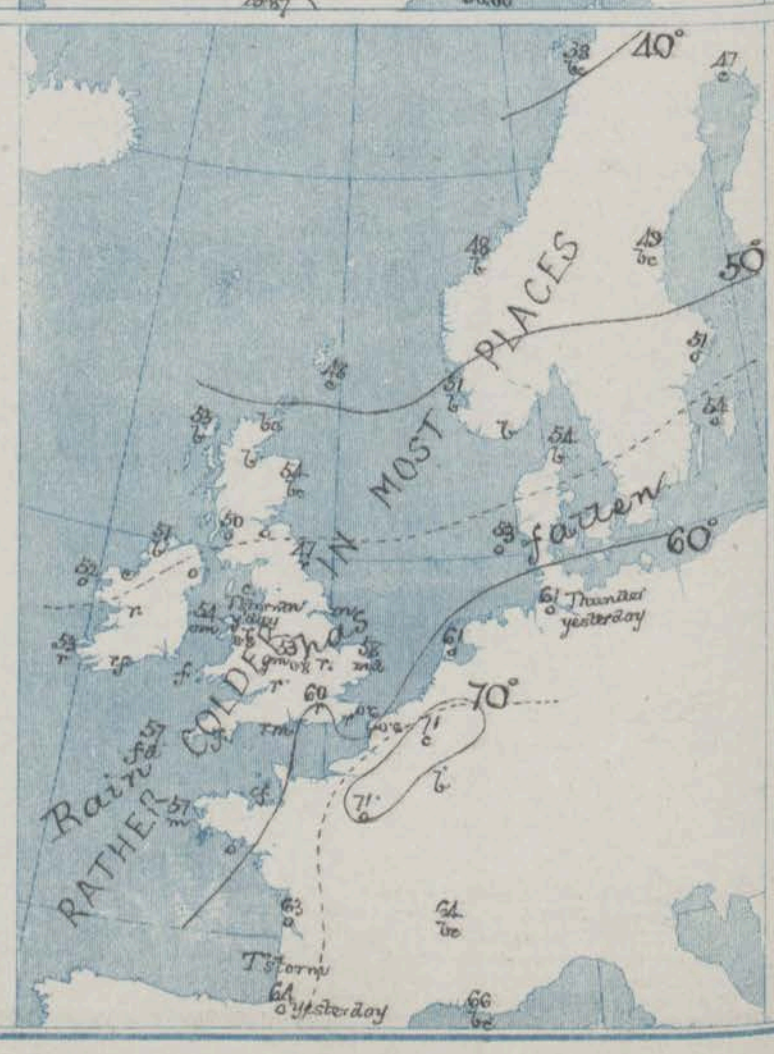
Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*
Weather is shown by Letters of the Beaufort Scale.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches).
Sumburgh Head	54 · 9	45 · 5	50 · 7	49 · 1	2 · 04
Stornoway	58 · 3	46 · 4	54 · 2	51 · 7	3 · 03
Wick	59 · 2	46 · 0	53 · 3	50 · 7	1 · 59
Nairn	62 · 7	48 · 4	54 · 8	50 · 8	2 · 00
Aberdeen	61 · 5	48 · 2	54 · 8	51 · 1	1 · 87
Leith	65 · 2	48 · 4	56 · 4	53 · 1	1 · 96
Shields	61 · 2	50 · 1	55 · 2	51 · 9	1 · 76
York	66 · 5	48 · 6	56 · 6	53 · 2	2 · 47
Ardrossan	63 · 1	50 · 6	55 · 6	52 · 1	2 · 77
Donaghadee	61 · 4	49 · 4	55 · 4	53 · 3	2 · 12
Holyhead	62 · 5	52 · 1	55 · 7	53 · 3	1 · 98
Liverpool	64 · 2	51 · 2	56 · 9	53 · 0	1 · 87
Valencia	62 · 0	51 · 3	56 · 9	53 · 9	3 · 52
Roche's Point	66 · 1	51 · 5	56 · 8	53 · 6	3 · 36
Pembroke	61 · 2	51 · 8	55 · 4	53 · 2	2 · 07
Scilly	61 · 5	53 · 4	57 · 2	55 · 2	1 · 89
Hurst Castle	64 · 1	52 · 7	58 · 1	55 · 9	1 · 98
Dover	63 · 8	53 · 5	59 · 1	55 · 5	1 · 76
LONDON	70 · 0	50 · 7	59 · 5	55 · 3	2 · 24
Oxford	67 · 8	49 · 1	57 · 2	53 · 9	2 · 22
Cambridge	69 · 4	49 · 0	58 · 1	54 · 9	2 · 30
Yarmouth	62 · 6	51 · 7	57 · 2	54 · 4	2 · 12

NOTE — *The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.*



REMARKS.

for Monday 8th June 1885, at 8 a.m.

In the course of the past twenty-four hours the barometer has risen at all our western and northern stations, as well as in the north of Scandinavia, and areas of high pressure are now lying over Sweden and the extreme north of Scotland. At the more southern stations, however, a slight fall of the barometer has continued and a small shallow depression exists over the eastern part of the Channel and the northeast of France. Moderate E.ly or NE.ly winds prevail on all but our southwestern and the French coasts, where variable or S.ly breezes are reported. The weather is dull in France, rainy over England and the south of Ireland, and foggy at most of the south-western stations, but elsewhere it is generally fine. Since yesterday morning rain has fallen at all but our northern and northwestern stations, the largest amounts being 0.8in at Liverpool (where a thunderstorm occurred in the afternoon) and 0.6in at Dungeness and Cape Gris Nez. Temperature has fallen a little in most places, and readings now range from 60° in London to 48° at Lerwick Head. The highest maxima registered yesterday were 73° in London and at Cambridge and 72° at Yarmouth. The sea is moderate to smooth.

The rise of the barometer in the west and north seems likely to extend to our southeastern stations shortly and the small depression over the eastern part of the Channel will probably disperse or move away over France.

ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that on the 3rd inst. icebergs were seen between Long. 48° and 51° W, Lat. about 45° to 44° N.

FORECASTS

for the 24 hours ending at NOON on 9th June 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	E.ly and NE.ly winds, moderate, fair generally.	6 SCOTLAND WEST	E.ly and NE.ly winds, moderate, cloudy to fair.
1 SCOTLAND EAST	------ D° ------ D° ------	7 ENGLAND N.W.	------ D° ------ D° ------
2 ENGLAND N.E.	Same as No. 5.	8 ENGLAND S.W	Variable breezes, finally NE.ly; cloudy, fog and rain locally.
3 ENGLAND EAST	------ D° ------ D° ------	9 IRELAND NORTH	Same as Nos. 0 and 1.
4 MIDLAND COUNTIES	------ D° ------ D° ------	10 IRELAND SOUTH	NE.ly winds, moderate; rainy to fair.
5 ENGLAND SOUTH	NE.ly winds, light or moderate; dull and rainy at first, some improvement later.	WARNINGS	None Issued.

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30.02	50	43	NW	6	0	3	Holyhead							
Sumburgh Head								Valencia							
Stornoway								Scilly							
Aberdeen								Dungeness							
Shields								London							*
Ardrossan								Yarmouth							
Malin Head								Jersey							
Mullaghmore								Rochefort	29.98	74	70	WNW	1	2	2
Belmullet							*								

REMARKS.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD

FROM THE 31ST MAY TO THE 6TH JUNE 1885

The weather of this week has consisted of two distinct parts, one in which fine bright summerlike weather prevailed over England and the eastern parts of Ireland, while rain fell daily in Scotland — the other in which the fine weather spread to Scotland while showery thundery weather set in over the Irish and English Districts.

The former period set in at the beginning of the week, as an anticyclonic system advanced towards us from the westward. In it the temperature rose rapidly so that the daily maxima in London rose from 66° on June 1st to 75° on the 4th and to 83° on the 5th — on which day a reading of 85° was recorded at Cambridge. A large depression then passed by our extreme northwestern coasts and was followed by subsidiary disturbances which advanced eastwards over England and brought about a series of heavy showers, thunder, lightning and varying winds.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Tuesday 9th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.87	42	NE	2	b	30.02	+ .22	48	41	+ 1	N	2	b	*	53	37	—
Hernösand	30.03	49	Z	0	b	30.04	.00	51	48	+ 2	S	2	bc	*	59	41	—
Stockholm	30.05	48	ENE	4	b	30.00	+ .10	52	47	+ 1	ENE	6	o	*	59	46	—
Wisby	29.91	52	E	4	b	29.85	.00	55	50	+ 1	E	4	o	*	63	50	—
Bodö	30.01	40	WSW	4	c	30.01	+ .10	35	37	0	Z	0	bc	0	43	34	0.05
Christiansund	29.98	49	NE	2	b	29.85	— .14	50	44	+ 2	S	1	b	3	52	37	—
‡Skudesnaes	29.96	49	NNW	6	c	29.85	— .12	49	45	— 2	NNW	6	o	3	55	48	—
Oxö (Xtiansand)	29.93	56	ENE	1	o	29.83	— .11	58	52	+ 1	N	4	r	2	61	52	0.12
Skagen (The Skaw)	29.99	58	NE	3	o	29.98	— .15	52	51	— 2	ESE	4	r	3	64	52	0.51
Fanö	29.83	56	ENE	4	r	29.66	— .22	60	59	+ 7	SW	4	m	*	64	52	0.04
Cuxhaven	29.79	61	ENE	5	bq	29.77	— .12	69	65	+ 8	W	2	b	*	70	61	1.20
‡Sumburgh Head	30.02	48	NE	3	c	29.89	— .12	44	42	— 4	NE	1	r	2	53	40	0.12
‡Stornoway	30.05	54	N	4	b	30.04	+ .03	48	45	— 5	WNW	5	bcq	4	58	40	0.02
Wick	30.04	51	S	2	c	29.96	— .03	51	48	— 1	NW	6	bc	4	58	43	—
Nairn	29.97	53	NE	1	b	30.03	+ .04	50	46	— 1	NW	1	b	1	59	46	—
‡Aberdeen	30.03	52	E	3	b	30.00	— .01	49	45	— 5	NNW	5	c	2	55	35	—
Leith	30.00	50	ESE	3	bc	30.02	+ .05	49	47	+ 6	W	2	bc	*	55	38	—
‡Shields	29.94	48	NNE	2	o	30.01	+ .07	54	50	+ 7	N	2	b	3	54	45	0.01
Spurn Head	29.81	50	NNE	5	r	29.96	+ .15	52	51	0	NNW	5	bc	3	52	48	0.39
York	29.89	50	N	2	r	30.00	+ .11	53	49	+ 2	NNW	2	b	*	53	46	0.25
Loughborough	29.82	52	NNW	4	r	30.00	+ .18	51	49	— 2	NW	3	om	*	54	46	0.71
‡Ardrossan	29.97	57	ENE	2	b	30.06	+ .13	53	49	+ 3	WNW	4	b	3	53	41	—
Malin Head	30.06	53	N	5	b	30.09	+ .13	49	46	— 2	N	4	c	4	56	47	—
‡Mullaghmore	No observations					30.18	+ .26	52	46	— 1	NNE	5	c	3	58	51	—
‡Belmullet	30.04	53	NE	3	b	30.20	+ .26	50	45	— 2	NE	2	bc	0	55	45	—
Donaghadee	29.97	52	E	4	o	30.02	+ .22	51	48	+ 1	NE	5	b	3	54	47	—
Barrow-in-Furness	29.88	53	NE	3	o	30.02	+ .21	52	48	0	NNE	2	b	*	60	48	—
Liverpool (Bidston)	29.89	52	NE	1	o	30.03	+ .22	55	49	+ 3	NNW	1	b	3	57	49	0.08
‡Holyhead	29.89	52	NNE	4	om	30.07	+ .24	53	50	— 1	N	5	b	4	58	49	0.01
Parsonstown	29.97	55	NNE	1	o	30.15	+ .32	50	47	0	NW	1	c	*	55	41	—
‡Valencia	29.95	57	NNE	5	c/m	30.20	+ .36	54	50	+ 1	NE	2	c	4	60	47	0.09
Roche's Point	29.92	56	NNE	5	o	30.13	+ .29	53	49	— 4	NNE	4	b	4	60	47	0.09
Pembroke	29.87	54	NNE	3	r	30.04	+ .29	51	48	— 4	NNE	4	og	2	59	51	0.15
‡Scilly	29.82	57	NNE	4	o	30.06	+ .32	55	52	— 2	NNE	6	o	4	61	52	0.03
Prawle Point	29.77	59	WNW	1	m	30.00	+ .24	55	54	— 1	NE	1	o	1	60	50	0.01
Hurst Castle	29.76	59	WNW	2	c	29.97	+ .23	53	52	— 4	NNE	4	c	2	64	50	0.39
‡Dungeness	29.72	57	SW	1	f	29.89	+ .19	55	54	— 3	N	3	c	2	61	55	0.21
‡London	29.73	57	NNE	3	od	29.96	+ .22	51	50	— 9	NNE	2	r	*	63	51	1.04
Oxford	29.81	52	NNE	3	o	29.97	+ .21	49	48	— 8	NNW	3	od	*	60	48	0.40
Cambridge	29.76	56	W	2	r	29.95	+ .21	51	51	— 8	N	1	r	*	63	48	1.41
‡Yarmouth	29.74	54	NE	4	o	29.89	+ .05	52	51	— 6	N	4	og	4	60	50	0.26
The Helder	29.71	61	NNE	1	bc	29.80	— .02	59	55	— 4	W	3	o	3	63	59	0.51
Cape Gris Nez	29.71	56	SW	4	f	29.86	+ .18	56	56	— 4	NE	1	r	1	66	54	0.04
‡Jersey	29.76	61	Z	0	cgm	29.95	+ .19	54	53	— 4	NE	2	ogm	2	63	52	0.01
Brest	29.75	59	NNE	3	m	29.94	+ .17	57	56	0	NE	4	o	3	61	54	—
Lorient	29.79	60	WSW	4	o	29.93	+ .13	59	57	+ 1	NNE	4	bc	2	66	54	—
‡Rochefort	29.88	65	W	4	bc	29.88	— .02	61	59	— 2	NNE	4	bc	2	73	54	—
Biarritz	29.89	64	SW	5	o	29.89	— .05	59	57	— 5	NW	5	r	2	65	57	1.18
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29.88	+ .17	61	57	— 10	W	1	c	*	81	58	—
Charleville	? 29.78	75	SSW	4	bc	? 29.89	+ .13	58	56	— 11	WSW	1	m	*	83	53	—
Paris	29.82	70	WSW	3	c	29.93	+ .11	65	60	— 6	WNW	1	bc	*	*	*	—
Lyons	29.79	74	SW	3	c	29.86	— .06	62	55	— 2	E	1	o	*	88	54	—
Toulon	29.88	57	SW	1	bc	29.83	— .17	63	55	— 3	E	4	o	2	82	?	—

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

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‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Frederick Dangerfield Printer London

WEATHER CHARTS

for 8 a.m. on Tuesday, 9th June, 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

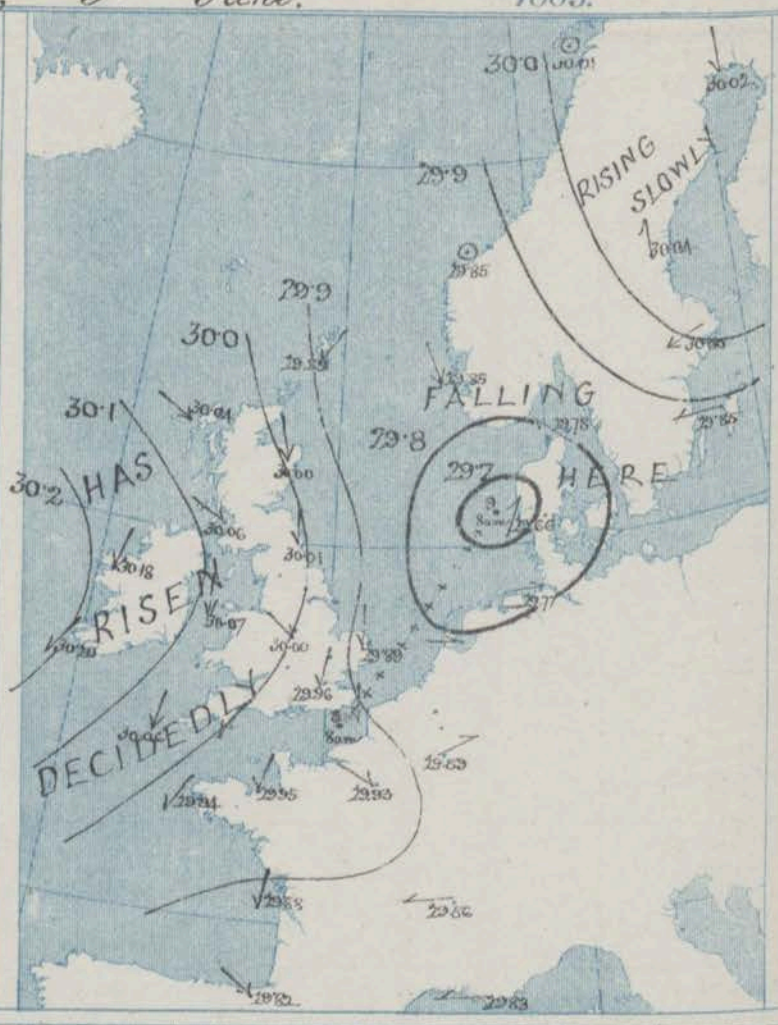
⟶ = forces above 10, ⟶ = forces 8 to 10;
⟶ = forces 5 to 7, ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. in.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*
Weather is shown by Letters of the Beaufort Scale.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry	At 8 a.m. Wet.	RAINFALL (Inches).
Sumburgh Head	54 · 9	45 · 5	50 · 7	49 · 1	2 · 04
Stornoway	58 · 3	46 · 4	54 · 2	51 · 7	3 · 03
Wick	59 · 2	46 · 0	53 · 3	50 · 7	1 · 59
Nairn	62 · 7	48 · 4	54 · 8	50 · 8	2 · 00
Aberdeen	61 · 5	48 · 2	54 · 8	51 · 1	1 · 87
Leith	65 · 2	48 · 4	56 · 4	53 · 1	1 · 96
Shields	61 · 2	50 · 1	55 · 2	51 · 9	1 · 76
York	66 · 5	48 · 6	56 · 6	53 · 2	2 · 47
Ardrossan	63 · 1	50 · 6	55 · 6	52 · 1	2 · 77
Donaghadee	61 · 4	49 · 4	55 · 4	53 · 3	2 · 12
Holyhead	62 · 5	52 · 1	55 · 7	53 · 3	1 · 98
Liverpool	64 · 2	51 · 2	56 · 9	53 · 0	1 · 87
Valencia	62 · 0	51 · 3	56 · 9	53 · 9	3 · 52
Roche's Point	66 · 1	51 · 5	56 · 8	53 · 6	3 · 36
Pembroke	61 · 2	51 · 8	55 · 4	53 · 2	2 · 07
Scilly	61 · 5	53 · 4	57 · 2	55 · 2	1 · 89
Hurst Castle	64 · 1	52 · 7	58 · 1	55 · 9	1 · 98
Dover	63 · 8	53 · 5	59 · 1	55 · 5	1 · 76
LONDON	70 · 0	50 · 7	59 · 5	55 · 3	2 · 24
Oxford	67 · 8	49 · 1	57 · 2	53 · 9	2 · 22
Cambridge	69 · 4	49 · 0	58 · 1	54 · 9	2 · 30
Yarmouth	62 · 6	51 · 7	57 · 2	54 · 4	2 · 12

NOTE — *The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.*

REMARKS.

for Tuesday 9th June *1885, at 8 a.m.*

The small depression which lay off the southeast of England yesterday has moved away to Denmark and while the barometer has fallen somewhat on our extreme northern coasts and the eastern shores of the North Sea, a brisk rise has taken place over England, Ireland and the north of France. To the westward of Ireland there is now an anticyclone, with readings above 30.2 ins. In Denmark and the Netherlands the wind circulates round the depression noticed above, but in Scotland it is fresh from the NWd., while on our western and southern coasts it is Nd or NEly. Rain is again reported over the inland parts of England as well as at Oporto, Lemburgh Hd., Cape Griskerz and Biarritz, but elsewhere the weather is mostly fair. During yesterday rain fell at all but the northern and northwestern stations; over our midland and southeastern counties the fall was very considerable, the largest amounts being 1.4 in at Cambridge, 1.0 in. in London and 0.7 in at Loughborough. A heavy thunderstorm occurred at Cuphanon last evening. Temperature has fallen several degrees in the southeast of England and slightly in many other parts of the Kingdom; readings now range from 55° at Scilly, Prawle Point and Dungeness to 44° in the Shetlands. The maxima registered yesterday were below 60° at all but the extreme southern and southwestern stations and below 55° over the northern and northeastern parts of England. The sea is moderate to smooth.

The depression over Denmark seems likely to change its course and move northwestward, so that unsettled weather is probable in Scotland. Over our southern and southeastern counties, however, a decided improvement may be expected.

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that a depression was observed on the 6th inst in Long: 60° W. Lat: about 42° N. the barometer at 9 pm standing at 29.1 ins (?). The wind blew a fresh gale from NW. Icebergs were encountered on the 4th inst in Long: 48° W., Lat: about 1.5° N, and on the 5th between Long: 47° and 52° W. Lat: about 44° N.

FORECASTS

for the 24 hours ending at NOON on 10th June *1885.*

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NWly winds, fresh or strong; unsettled, some cold rain.	6 SCOTLAND WEST	Same as Nos 2 to 4.
1 SCOTLAND EAST	------ Do ------ Do ------	7 ENGLAND N.W.	------ Do ------ Do ------
2 ENGLAND N.E.	Nly or NWly winds, fresh; fair generally, but some showers.	8 ENGLAND S.W	Nly and NEly winds, moderate; fair generally.
3 ENGLAND EAST	------ Do ------ Do ------	9 IRELAND NORTH	Same as Nos 2 to 4.
4 MIDLAND COUNTIES	------ Do ------ Do ------	10 IRELAND SOUTH	Same as No 8
5 ENGLAND SOUTH	Nly or NEly winds, moderate; fair generally, but perhaps some showers.	WARNINGS	None Issued.

Preik Dangerfield, Lith. London, (131)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29·98	55	46	NW	6	bc	3	Holyhead	29·84	54	53	NE	4	o	3
Sumburgh Head	30·03	51	47	W	3	c	2	Valencia	29·93	56	52	NNE	4	o	5
Stornoway	30·03	54	49	NE	3	b	2	Scilly	29·77	60	59	L	0	of	2
Aberdeen	30·02	54	48	E	3	b	2	Dungeness	29·90	59	58	ESE	3	r	3
Shields	29·94	50	47	NE	2	o	4	London	29·7[illegible]	63	61	SSE	1	ofmw	*
Ardrossan	29·95	55	51	ENE	2	o	1	Yarmouth	29·96	55	54	ENE	3	or	3
Malin Head	29·99	53	51	NE	4	b	4	Jersey	29·96	60	59	ENE	1	o	1
Mullaghmore	No observations							Rochefort	29·91	68	64	WSW	5	bc	2
Belmullet	30·02	54	50	NE	4	b	*								

REMARKS.

The barometer is now rising at all but our south-eastern stations, where it continues to fall slowly. Very little change has occurred in the winds or weather. Fog prevails at Scilly, rain in the south-east of England, and fine weather in Scotland and the north of Ireland. The sea is rather rough at Valencia, moderate to smooth elsewhere

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Wednesday — 10th JUNE 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.96	41	7	0	b	29.71	− .31	48	40	0	ENE	4	0	*	52	37	—
Hernösand	29.79	45	NNE	4	0	29.31	− .73	40	39	− 11	NE	9	r	*	52	36	0.59
Stockholm	29.46	51	SE	4	0	29.19	− .81	47	45	− 5	WSW	2	r	*	59	45	0.20
Wisby	29.62	57	SSW	6	bc	29.45	− .40	49	44	− 6	W	9	b	*	73	48	—
Bodö	29.83	44	NNE	4	b	29.76	− .25	44	40	+ 6	NNE	4	0	2	45	?	—
Christiansund	29.74	47	WNW	1	0	29.84	− .01	45	40	− 5	NNE	6	0	4	50	41	0.04
‡Skudesnaes	29.77	45	NW	6	0	29.89	+ .04	48	44	− 1	NW	8	c	5	52	45	0.20
Oxö (Christiansund)	29.67	52	W	6	0	29.68	− .15	50	45	− 3	WNW	9	c	3	?	37	0.51
Skagen (The Skaw)	29.64	51	NNW	4	0	29.58	− .20	48	45	− 4	NNW	8	0	6	55	43	0.89
Fanö	29.87	53	W	6	c	29.95	+ .29	49	44	− 11	WNW	8	c	*	?	45	—
Cuxhaven	29.90	52	NW	5	bc	30.11	+ .34	54	54	− 15	NNW	6	c	*	?	52	—
‡Sumburgh Head	29.97	46	NNW	4	c	30.24	+ .35	45	40	+ 1	N	5	bc	4	49	39	0.23
‡Stornoway	30.21	50	NNW	5	b	30.37	+ .33	48	44	0	SSE	1	c	0	54	39	0.03
Wick	30.10	50	NW	7	bc	30.35	+ .37	49	45	− 2	NNW	2	bc	1	52	37	0.06
Nairn	30.17	51	NW	5	c	30.37	+ .34	47	43	− 3	Z	0	c	1	55	40	—
‡Aberdeen	30.09	50	NW	7	b	30.35	+ .35	48	44	− 1	NNW	5	c	2	59	41	0.01
Leith	30.10	60	NNW	3	b	30.37	+ .35	53	46	0	ENE	1	b	*	67	44	—
‡Shields	30.09	52	NE	2	b	30.37	+ .36	51	46	− 3	N	2	c	3	56	41	—
Spurn Head	30.05	53	SE	3	b	30.34	+ .38	51	49	− 1	NNE	4	bc	3	65	47	—
York	30.04	63	WSW	1	c	30.38	+ .38	50	46	− 3	N	1	c	*	68	40	—
Loughborough	30.07	61	W	3	0	30.37	+ .37	53	49	+ 2	NE	3	bcw		68	42	—
‡Ardrossan	30.15	55	NW	4	b	30.37	+ .31	49	47	− 4	SSW	1	om	0	58	38	—
Malin Head	30.31	50	N	4	bc	30.37	+ .23	51	48	+ 2	ENE	3	c	3	52	46	—
‡Mullaghmore	30.28	51	NNW	5	bc	30.37	+ .19	51	46	− 1	ESE	1	0	1	56	47	—
‡Belmullet	30.29	53	NE	2	bc	30.34	+ .14	53	47	+ 3	S	1	b	*	54	44	—
Donaghadee	30.23	52	NE	6	b	30.38	+ .26	50	48	− 1	ENE	3	c	1	56	46	—
Barrow-in-Furness	30.12	56	NNW	5	b	30.33	+ .31	48	46	− 4	NE	2	b	*	59	44	—
Liverpool (Bidston)	30.15	55	WNW	5	b	30.36	+ .33	54	46	− 1	SE	1	bc	3	59	45	—
‡Holyhead	30.21	52	N	5	b	30.35	+ .28	55	53	+ 2	NNE	2	bc	2	55	46	—
Parsonstown	30.25	60	NW	1	b	30.39	+ .21	47	44	− 3	Z	0	0	*	61	37	—
‡Valencia	30.27	57	N	4	b	30.36	+ .16	57	52	+ 3	WNW	1	cm	1	59	45	—
Roche's Point	30.25	63	NNW	2	b	30.37	+ .24	54	50	+ 1	ESE	2	bc	3	64	45	—
Pembroke	30.18	53	N	5	b	30.31	+ .27	53	48	+ 2	NE	3	bc	1	56	45	—
‡Scilly	30.18	55	NNE	5	bc	30.30	+ .24	53	50	− 2	NNE	5	c	4	55	50	—
Prawle Point	30.12	58	N	2	c	30.27	+ .27	56	51	+ 1	NNE	3	b	2	61	46	—
Hurst Castle	30.08	59	NE	2	c	30.29	+ .32	53	51	0	ENE	4	c	2	60	47	0.01
‡Dungeness	30.05	56	E	3	0	30.28	+ .39	56	51	+ 1	ENE	4	b	4	59	46	—
‡London	30.08	60	NNE	2	bc	30.31	+ .35	54	48	+ 3	ENE	2	b	*	60	48	0.02
Oxford	30.12	58	N	4	0	30.33	+ .34	54	49	+ 5	NE	3	b	*	64	45	—
Cambridge	30.09	59	NE	1	c	30.35	+ .37	55	50	+ 4	N	1	b	*	64	41	—
‡Yarmouth	30.07	56	N	3	b	30.32	+ .43	53	47	+ 1	NNE	4	b	4	58	48	—
The Helder	30.04	53	N	3	b	30.23	+ .43	52	46	− 5	N	4	c	3	57	52	—
Cape Gris Nez	30.01	55	NE	5	0	30.23	+ .37	54	51	− 2	ENE	5	bc	4	59	50	—
‡Jersey	30.06	55	NNE	3	om	30.21	+ .26	58	52	+ 4	NE	4	bm	3	59	52	—
Brest	30.09	59	N	4	m	30.22	+ .28	57	55	0	NNE	4	m	3	64	52	—
Lorient	30.04	60	N	7	c	30.15	+ .29	59	55	0	NE	7	b	3	68	50	—
‡Rochefort	29.95	71	NNW	5	c	30.07	+ .19	60	59	− 1	NNE	7	m	2	77	52	0.12
Biarritz	29.89	63	N	7	r	29.95	+ .13	63	61	+ 4	N	7	r	2	73	57	0.91
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30.25	+ .37	55	49	− 6	NNE	4	b	*	69	45	—
Charleville	? 29.95	71	ENE	4	b	? 30.17	+ .28	56	48	− 2	ENE	4	b	*	82	53	—
Paris	29.95	72	NE	1	bc	30.26	+ .27	60	54	− 5	N	5	b	*	*	*	—
Lyons	29.85	73	NNW	1	0	29.94	+ .08	61	57	− 1	N	4	0	*	84	60	—
Toulon	29.83	65	ESE	5	0	29.89	+ .06	58	55	− 5	E	4	m	3	72	59	0.43

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fredk Dangerfield Lith London

WEATHER CHARTS

for 8 a.m. on WEDNESDAY 10TH JUNE. *1885.*

BAROMETER, WIND & SEA.

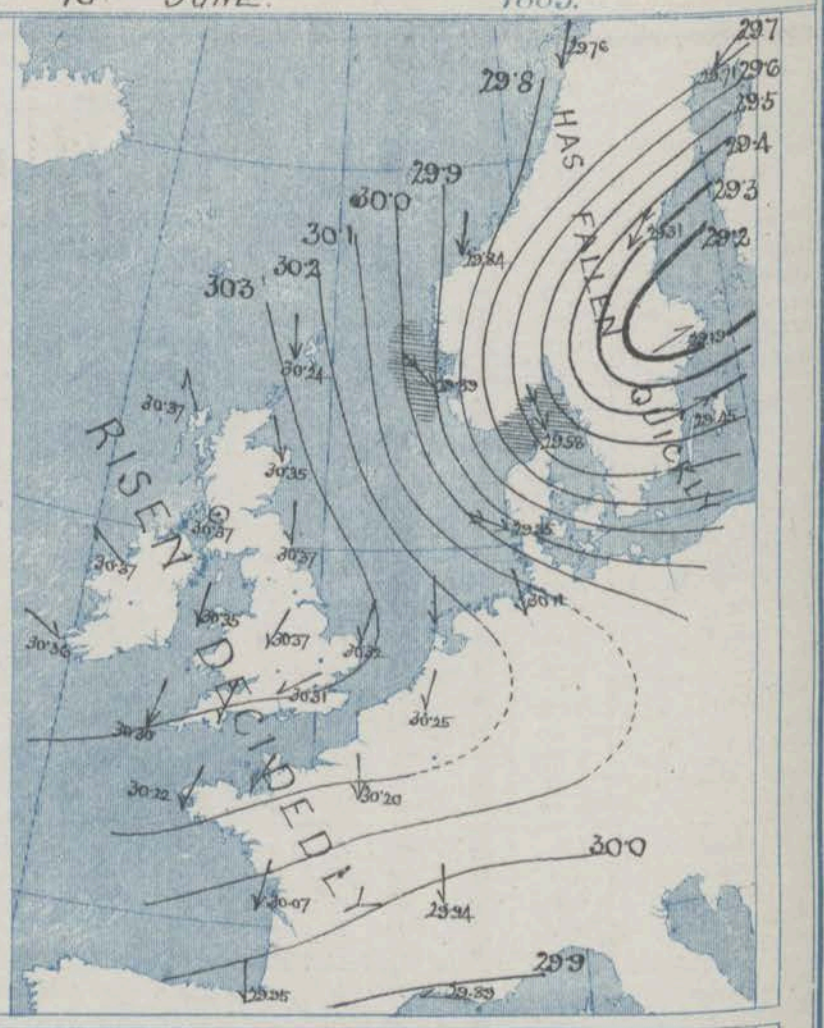
(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows shew the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

» ⟶ = forces above 10, ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable, is shewn thus*
= Rough. = High.



MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871 — 1880.

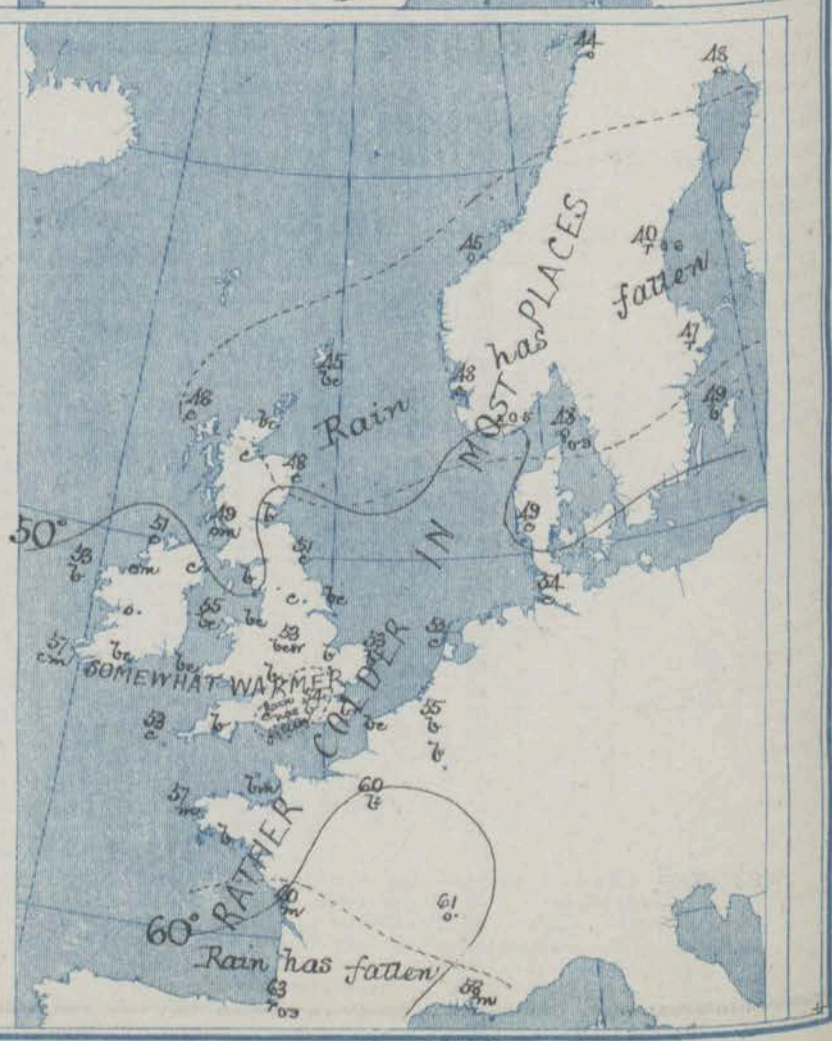
STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956

TEMPERATURE, & WEATHER *at* 8 A.M., *with* RAINFALL *in* PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

Rainfall *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*



MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	Wet.	RAINFALL (Inches).
Sumburgh Head	54·9	45·5	50·7	49·1	2·04
Stornoway	58·3	46·4	54·2	51·7	3·03
Wick	59·2	46·0	53·3	50·7	1·59
Nairn	62·7	48·4	54·8	50·8	2·00
Aberdeen	61·5	48·2	54·8	51·1	1·87
Leith	65·2	48·4	56·4	53·1	1·96
Shields	61·2	50·1	55·2	51·9	1·76
York	66·5	48·6	56·6	53·2	2·47
Ardrossan	63·1	50·6	55·6	52·1	2·77
Donaghadee	61·4	49·4	55·4	53·3	2·12
Holyhead	62·5	52·1	55·7	53·3	1·98
Liverpool	64·2	51·2	56·9	53·0	1·87
Valencia	62·0	51·3	56·9	53·9	3·52
Roche's Point	66·1	51·5	56·8	53·6	3·36
Pembroke	61·2	51·8	55·4	53·2	2·07
Scilly	61·5	53·4	57·2	55·2	1·89
Hurst Castle	64·1	52·7	58·1	55·9	1·98
Dover	63·8	63·5	59·1	55·5	1·76
LONDON	70·0	50·7	59·5	55·3	2·24
Oxford	67·8	49·1	57·2	53·9	2·22
Cambridge	69·4	49·0	58·1	54·9	2·30
Yarmouth	62·6	51·7	57·2	54·4	2·12

NOTE – The Temperature means are for the 10 years 1871–80, the Rainfall means are mainly those for the 15 years 1866–80.

REMARKS.

for Wednesday 10th June 1885, at 8 a.m.

In the course of the past day the barometer has risen decidedly over the British Islands, where an anticyclone has been formed having maximum readings as high as 30.3 ins and upwards, while over Sweden and the Gulf of Bothnia a depression has appeared with maximum readings below 29.2 ins. Thus while Nly and variable breezes prevail over the British Islands, NEly to NWly gales are being experienced to the eastwards of the North Sea. A fresh northwesterly gale was felt in the northeast of Scotland yesterday. Temperature is low generally, the present readings in our Islands varying from 45° at Lumburgh Head, and from between 47° and 49° over Scotland, to between 50° and 56° over England and to 57° at Valencia. Rain fell yesterday both in the far north and over our southeastern counties, but the sky has since cleared very generally. The sea is moderate to smooth on our coasts, rough on the eastern shores of the North Sea.

The barometer is now inclined to fall again in the far west, and a shift of wind to the southward is likely to take place over England during the next twenty four hours, with a temporary spell of warmer weather.

ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S reports that on the 6th inst, in Long: 63° W (Lat: about 42° N) the barometer fell to 29.2 ins during a fresh gale shifting from east to northwest. On the 4th icebergs were seen in Long: 49° to 50° W, Lat about 44° N; and on the 4th and 5th between Long: 48° to 51° W. Lat: about 47° to 46° N.

FORECASTS

for the 24 hours ending at NOON on 11th June 1885.

(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Wind backing to SWrd and freshening; fine to showery.	6 SCOTLAND WEST	SWly breezes, light; fair to showery.
1 SCOTLAND EAST	Light winds, varying in direction; fine.	7 ENGLAND N.W.	Nly winds, light, followed by Sly breezes; fine generally.
2 ENGLAND N.E.	..... Do ..... Do	8 ENGLAND S.W	..... Do ..... Do .....
3 ENGLAND EAST	Same as No 5.	9 IRELAND NORTH	Sly winds, freshening; fair in eastern parts of district, showery in west.
4 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	..... Do ..... Do .....
5 ENGLAND SOUTH	Moderate Nly breezes; cool and fine; fog at night. Wind afterwards shifting to Srd, with fine and warmer weather.	WARNINGS	None Issued

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.81	52	46	WNW	6	c	3	Holyhead	30.17	52	48	N	5	b	5
Sumburgh Head	29.87	44	42	N	4	c	3	Valencia	30.25	58	53	NW	3	b	2
Stornoway	30.04	53	46	NNW	6	bcq	5	Scilly	30.13	55	52	N	6	c	5
Aberdeen	30.04	53	48	NNW	7	b	2	Dungeness	30.00	57	55	NNE	2	o	2
Shields	30.01	53	49	E	2	b	3	London	30.04	58	54	NNW	3	o	*
Ardrossan	30.12	50	52	WNW	5	b	3	Yarmouth	30.02	56	53	N	4	b	4
Malin Head	30.27	51	48	N	4	b	4	Jersey	30.03	57	55	N	3	c	3
Mullaghmore	30.24	56	48	N	5	bcv	4	Rochefort	29.93	74	67	ENE	4	c	2
Belmullet	30.26	54	48	NW	2	bc	*								

REMARKS.

The barometer continues to rise at all stations excepting Sumburgh Head, where a slight fall is reported. The wind has increased in force in the north and east of Scotland, and veered to NW. in the west of Ireland, but elsewhere there has been little change. Fair weather is reported generally but showers are falling at Wick. The sea is rather rough on some of the more exposed parts of our western and northern coasts, but moderate or slight elsewhere.

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DAILY WEATHER REPORT

for Thursday 11th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda														*			
Hernösand	29.35	45	NNW	8	c	29.56	+ .25	46	40	+ 6	N	9	o	*	46	39	0.67
Stockholm	29.52	42	W	6	r	29.69	+ .30	45	39	— 2	WNW	6	b	*	54	39	...
Wisby	29.54	49	N	6	c	29.75	+ .30	44	38	— 5	WNW	9	bc	*	59	43	0.04
Bodö	29.78	42	N	6	o	29.88	+ .12	41	38	— 3	NNE	6	bc	3	?	39	—
Christiansund	30.09	40	NW	7	o	30.19	+ .35	42	38	— 3	NW	4	c	4	?	34	0.12
‡Skudesnaes	30.15	45	NW	8	bc	30.23	+ .34	46	39	— 2	NW	7	bc	5	50	45	—
Oxö (Xtiansand)	29.98	53	NW	6	b	30.13	+ .45	48	41	— 2	NW	4	b	2	59	43	...
Skagen (The Skaw)	29.90	52	NNE	3	bc	30.07	+ .49	49	42	+ 1	NNE	4	b	3	61	46	—
Fanö	30.14	46	NW	7	c	30.21	+ .26	46	41	— 3	NW	7	c	*	54	45	—
Cuxhaven	30.20	49	NW	6	bc	30.27	+ .16	51	51	— 3	NW	6	o	*	54	48	—
‡Sumburgh Head	30.30	45	NW	4	c	30.21	— .03	46	42	+ 1	SSE	4	o	4	48	35	—
‡Stornoway	30.30	51	SSE	4	c	30.12	— .25	51	50	+ 3	S	6	om	5	55	46	0.02
Wick	30.33	53	S	2	bc	30.19	— .16	51	49	+ 2	S	1	o	1	59	43	—
Nairn	30.30	55	ENE	1	b	30.22	— .15	53	49	+ 6	SW	2	o	1	58	42	0.01
‡Aberdeen	30.36	52	SE	3	b	30.25	— .10	55	50	+ 7	SSW	2	o	1	57	41	—
Leith	30.32	55	ESE	2	bc	30.28	— .09	56	51	+ 3	N	1	m	*	57	45	—
‡Shields	30.37	49	E	2	b	30.32	— .05	58	51	+ 7	WSW	2	c	4	58	43	—
Spurn Head	30.37	50	NE	3	c	30.37	+ .03	52	49	+ 1	S	2	bc	4	54	46	—
York	30.38	55	E	2	bc	30.38	.00	50	48	0	S	1	o	*	60	42	—
Loughborough	30.36	57	ENE	3	o	30.40	+ .03	53	49	0	Z	0	cw	*	63	37	—
‡Ardrossan	30.33	56	Z	0	b	30.30	— .07	53	51	+ 4	SW	2	o	1	60	48	—
Malin Head	30.31	51	E	3	bc	30.26	— .11	55	53	+ 4	SW	4	c	3	55	49	—
‡Mullaghmore	30.31	55	N	1	bc	30.31	— .06	57	54	+ 6	SSW	1	o	2	55	50	0.01
‡Belmullet	30.30	57	SW	1	b	30.29	— .05	56	54	+ 3	S	2	c	8	59	52	0.02
Donaghadee	30.34	54	SSE	1	b	30.33	— .05	57	54	+ 7	W	3	c	1	57	45	—
Barrow-in-Furness	30.33	58	NE	2	b	30.35	+ .02	50	48	+ 2	SE	3	c	*	58	48	—
Liverpool (Bidston)	30.32	58	N	1	c	30.36	.00	58	52	+ 4	Z	0	bc	1	62	44	—
‡Holyhead	30.35	54	NNW	2	b	30.37	+ .02	55	52	0	SW	2	c	2	61	47	—
Parsonstown	30.32	55	Z	0	b	30.31	— .08	58	54	+ 11	Z	0	bc	*	64	46	—
‡Valencia	30.35	58	WSW	3	bc	30.39	+ .03	56	54	— 1	SE	1	o	1	62	48	—
Roche's Point	30.37	62	SW	2	bc	30.38	+ .01	58	54	+ 4	N	1	bc	2	63	50	—
Pembroke	30.31	57	N	3	c	30.36	+ .05	55	52	+ 2	ESE	3	bc	2	59	50	—
‡Scilly	30.33	56	NNE	3	bcm	30.39	+ .09	57	54	+ 4	E	1	c	5	57	50	—
Prawle Point	30.34	57	E	2	b	30.39	+ .12	54	51	— 2	ENE	2	b	2	59	45	—
Hurst Castle	30.32	57	SSW	2	b	30.39	+ .10	54	50	+ 1	ENE	2	bc	2	63	40	—
‡Dungeness	30.33	53	ENE	5	b	30.37	+ .09	53	49	— 3	ENE	4	bc	2	58	50	—
‡London	30.34	58	E	2	c	30.40	+ .09	53	47	— 1	E	1	bm	*	64	43	—
Oxford	30.37	52	NE	3	bc	30.41	+ .08	52	48	— 2	ENE	1	bm	*	62	40	—
Cambridge	30.37	55	NE	2	b	30.39	+ .04	52	49	— 3	NE	1	b	*	61	39	—
‡Yarmouth	30.36	54	NNE	4	b	30.40	+ .08	52	48	— 1	NNE	2	b	4	56	44	—
The Helder	30.32	50	?	3	bc	30.36	+ .13	51	45	— 1	?	3	c	3	54	45	—
Cape Gris Nez	30.25	52	NE	7	bc	30.32	+ .09	52	50	— 2	NE	4	b	3	57	48	—
‡Jersey	30.25	56	ENE	5	bm	30.32	+ .11	54	50	— 4	NE	4	bcm	3	62	48	—
Brest	30.23	60	NE	5	b	30.33	+ .11	51	48	— 6	ENE	5	o	4	68	45	—
Lorient	30.16	64	NE	5	b	30.25	+ .10	51	48	— 8	ENE	7	b	3	70	45	—
‡Rochefort	30.10	73	NE	1	f	30.17	+ .10	54	50	— 6	NE	7	b	2	73	46	—
Biarritz	30.01	62	NW	5	m	30.09	+ .14	61	55	— 2	N	5	b	2	64	59	0.28
Coruña	*	*	*	*	*												
Brussels	*	*	*	*	*	30.34	+ .09	52	46	— 3	NE	5	c	*	65	45	—
Charleville	?29.98	61	NE	1	o	?30.26	+ .09	49	44	— 7	ENE	4	o	*	67	43	—
Paris	30.16	65	NNE	5	b	30.29	+ .09	55	50	— 5	NE	4	b	*	*	*	—
Lyons														*			
Toulon	29.91	57	NE	4	r	29.96	+ .07	58	57	0	ESE	5	o	4	63	57	1.85

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred. Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Thursday, 11th June, 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

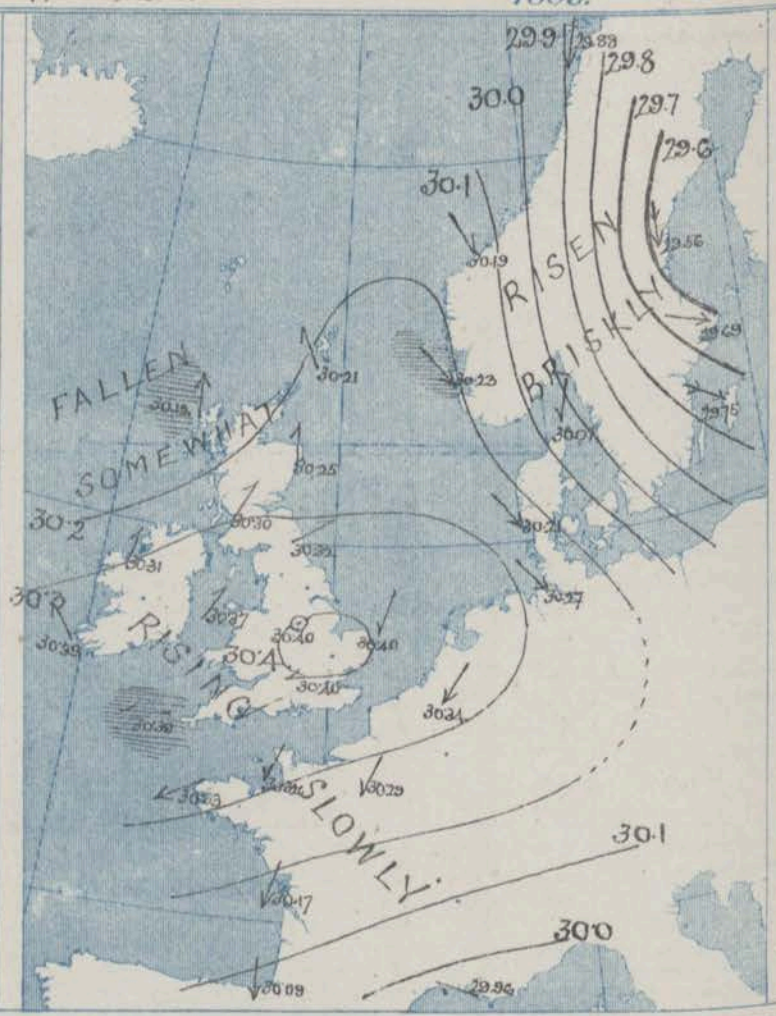
» ⟶ = forces above 10, » ⟶ = forces 8 to 10;
⟶ = forces 5 to 7, ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

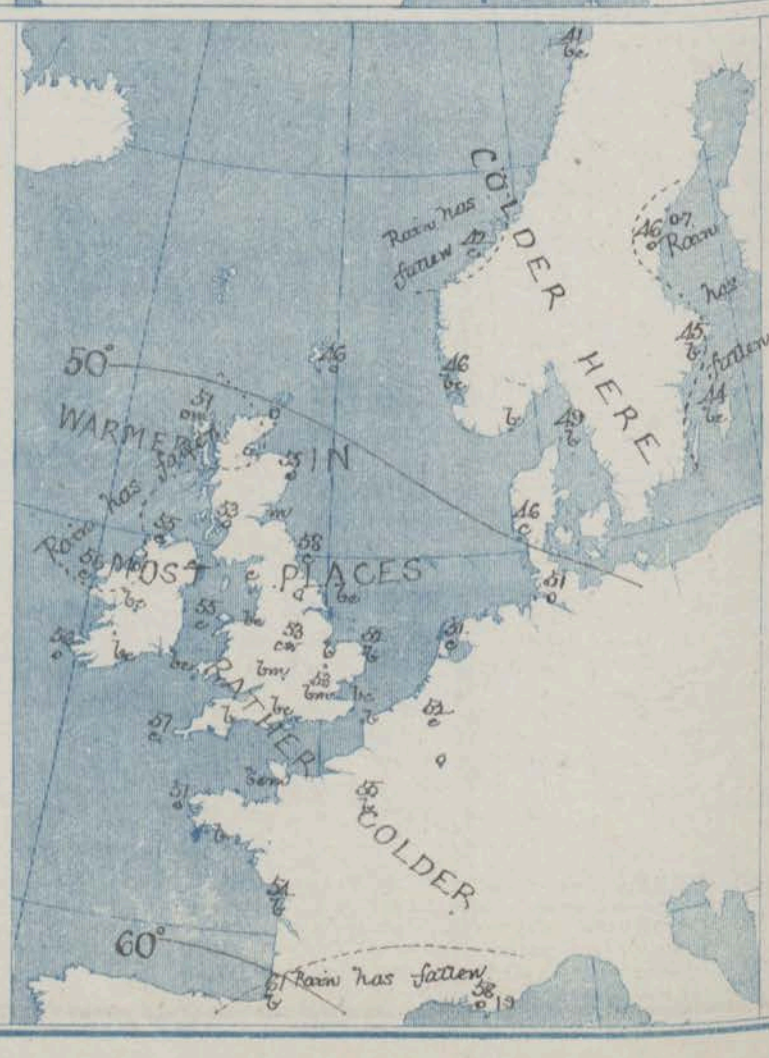
Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*
Weather — *is shown by Letters of the Beaufort Scale.*
Rainfall. — *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.*

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry	At 8 a.m. Wet	RAINFALL (Inches).
Sumburgh Head	54 · 9	45 · 5	50 · 7	49 · 1	2 · 04
Stornoway	58 · 3	46 · 4	54 · 2	51 · 7	3 · 03
Wick	59 · 2	46 · 0	53 · 3	50 · 7	1 · 59
Nairn	62 · 7	48 · 4	54 · 8	50 · 8	2 · 00
Aberdeen	61 · 5	48 · 2	54 · 8	51 · 1	1 · 87
Leith	65 · 2	48 · 4	56 · 4	53 · 1	1 · 96
Shields	61 · 2	50 · 1	55 · 2	51 · 9	1 · 76
York	66 · 5	48 · 6	56 · 6	53 · 2	2 · 47
Ardrossan	63 · 1	50 · 6	55 · 6	52 · 1	2 · 77
Donaghadee	61 · 4	49 · 4	55 · 4	53 · 3	2 · 12
Holyhead	62 · 5	52 · 1	55 · 7	53 · 3	1 · 98
Liverpool	64 · 2	51 · 2	56 · 9	53 · 0	1 · 87
Valencia	62 · 0	51 · 3	56 · 9	53 · 9	3 · 52
Roche's Point	66 · 1	51 · 5	56 · 8	53 · 6	3 · 36
Pembroke	61 · 2	51 · 8	55 · 4	53 · 2	2 · 07
Scilly	61 · 5	53 · 4	57 · 2	55 · 2	1 · 89
Hurst Castle	64 · 1	52 · 7	58 · 1	55 · 9	1 · 98
Dover	63 · 8	53 · 5	59 · 1	55 · 5	1 · 76
LONDON	70 · 0	50 · 7	59 · 5	55 · 3	2 · 24
Oxford	67 · 8	49 · 1	57 · 2	53 · 9	2 · 22
Cambridge	69 · 4	49 · 0	58 · 1	54 · 9	2 · 30
Yarmouth	62 · 6	51 · 7	57 · 2	54 · 4	2 · 12

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Thursday 11th June 1885, at 8 a.m.

The anticyclone which lay over the United Kingdom yesterday has moved southwards and now covers England, Ireland and the Channel. The barometer has therefore fallen somewhat on our northern and northwestern coasts, while it has risen at our southern and the Continental stations. The wind is strong from NW over Scandinavia and Denmark, and moderate or fresh from S or SW on our extreme north and northwest coasts, but in France and the south of England it is E^ly or NE^ly. The weather is dull in Scotland and the west of Ireland, but generally fine elsewhere. Slight showers fell yesterday at some of our northern and northwestern stations, and a solar halo was seen at Clifford. Temperature has fallen a little on our southern and the French coasts but risen elsewhere; readings now range from 58° at Shields, Liverpool, Parsonstown and Roche's Point to 46° in the Shetlands. The maxima registered yesterday were again low for the time of year, and in London the thermometer on the grass fell last night to 33°. The sea is rather rough at Stornoway, moderate to smooth elsewhere.

Depressions are likely to approach our northern coasts occasioning unsettled weather in Scotland and the north of Ireland, but in the south of our Islands anticyclonic conditions will probably hold for a time.

FORECASTS

for the 24 hours ending at NOON on 12th June 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S^ly and SW^ly winds, fresh; some rain.	6 SCOTLAND WEST	S^ly and SW^ly breezes, moderate; cloudy, some showers in a few places.
1 SCOTLAND EAST	SW^ly breezes, light; cloudy to fine.	7 ENGLAND N.W.	---------D^o---------D^o---------
2 ENGLAND N.E.	---------D^o---------D^o---------	8 ENGLAND S.W	SE^ly to S^ly breezes, light; fine.
3 ENGLAND EAST	Same as No. 5.	9 IRELAND NORTH	Same as Nos. 6 and 7.
4 MIDLAND COUNTIES	Calms and variable airs; fine, hazy, cool at night.	10 IRELAND SOUTH	Same as No. 8
5 ENGLAND SOUTH	E^ly or NE^ly breezes, light; fine, dry, cool at night.	WARNINGS	None Issued.

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·26	44	44	NW	8	b	5	Holyhead	30·38	55	51	NNW	1	cm	1
Sumburgh Head	30·31	46	40	N	5	c	4	Valencia	30·37	61	57	SW	4	b	4
Stornoway	30·37	54	48	SSE	3	bc	2	Scilly	30·34	56	53	NNE	4	c	4
Aberdeen	30·38	52	46	E	4	b	3	Dungeness	30·32	58	?	ENE	5	b	4
Shields	30·40	53	47	E	3	bc	4	London	30·34	58	49	NNE	2	bc	*
Ardrossan	30·37	58	50	E	0	c	0	Yarmouth	30·36	55	49	NNE	4	b	4
Malin Head	30·33	53	49	E	3	bc	2	Jersey	30·24	60	58	NE	5	b	4
Mullaghmore	30·36	55	49	NW	1	b	1	Rochefort	30·10	67	62	NE	7	m	2
Belmullet	30·34	58	52	WNW	2	b	*								

REMARKS.

The barometer continues to rise on all but our extreme western coasts, where a tendency to fall is shown. The wind has shifted to SW at Valencia, but elsewhere it is little changed. Fine weather continues at nearly all stations. The sea is moderate to smooth.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Friday 12th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.72	35	N	6	c	29.79		36	32		WSW	6	c	*	39	34	—
Hernösand	29.91	42	NW	6	bc	29.93	+ .37	44	37	− 2	NW	2	b	*	54	39	—
Stockholm	29.96	47	SSE	2	b	30.02	+ .33	46	40	+ 1	WNW	2	b	*	57	41	0.08
Wisby	29.93	48	WNW	4	c	30.01	+ .26	46	41	+ 2	WNW	4	c	*	55	43	—
Bodö	30.01	41	N	4	b	29.89	+ .01	44	41	+ 3	WSW	2	c	2	45	37	—
Christiansund	30.14	43	ENE	1	b	29.84	− .35	45	43	+ 3	SE	1	r	2	46	37	0.08
‡Skudesnaes	30.23	46	WNW	4	c	30.11	− .12	47	45	+ 1	SE	4	c	4	49	46	—
Oxö (Christiansund)	30.12	53	WSW	6	c	30.13	.00	49	46	+ 1	WSW	6	c	3	53	48	—
Skagen (The Skaw)	30.13	48	WSW	3	c	30.09	+ .02	54	48	+ 5	WNW	4	c	2	55	45	—
Fanö	30.29	44	NW	3	b	30.34	+ .03	56	52	+ 10	W	4	b	*	57	43	—
Cuxhaven	30.30	45	NW	4	c	30.35	+ .08	57	57	+ 6	WNW	3	bc	*	?	45	—
‡Sumburgh Head	30.04	48	SW	4	c	29.96	− .25	50	50	+ 4	W	5	m	4	54	43	0.08
‡Stornoway	30.10	49	SSW	6	c	30.07	− .05	51	50	0	W	4	d	4	59	?45	0.10
Wick	30.12	50	W	3	c	30.08	− .11	58	56	+ 7	W	2	c	1	59	47	0.04
Nairn	30.15	56	WSW	2	c	30.10	− .12	59	54	+ 6	W	4	bc	2	60	52	0.02
‡Aberdeen	30.19	60	SW	3	r	30.13	− .12	60	57	+ 5	SW	3	c	1	65	52	0.03
Leith	30.27	56	W	1	r	30.22	− .06	60	57	+ 4	W	1	c	*	65	54	0.05
‡Shields	30.27	66	W	3	c	30.26	− .06	65	59	+ 7	SW	1	c	3	67	54	—
Spurn Head	30.30	56	SSE	4	c	30.32	− .05	58	55	+ 6	WNW	2	bm	3	63	51	—
York	30.32	64	W	2	c	30.33	− .05	62	57	+ 12	SW	2	b	*	69	49	—
Loughborough	30.32	67	W	3	c	30.34	− .06	66	58	+ 13	W	2	bcm	*	70	49	—
‡Ardrossan	30.30	55	Z	0	c	30.24	− .06	54	53	+ 1	SSW	3	bc	2	55	51	0.01
Malin Head	30.24	58	SW	4	bc	30.21	− .05	53	51	− 2	SW	4	m	5	61	51	—
‡Mullaghmore	30.30	60	WNW	1	c	30.26	− .05	55	53	− 2	SW	4	c	3	64	53	—
‡Belmullet	30.30	57	SW	3	bc	30.22	− .07	56	54	0	SW	2	b	c	58	53	—
Donaghadee	30.32	61	SSW	1	bc	30.27	− .06	62	60	+ 5	SW	1	bc	0	67	53	—
Barrow-in-Furness	30.34	57	WNW	2	bc	30.32	− .03	57	54	+ 7	SE	3	bc	*	59	50	—
Liverpool (Bidston)	30.35	61	WNW	1	bc	30.33	− .03	65	56	+ 7	SE	1	b	1	66	53	—
‡Holyhead	30.37	56	SW	3	bc	30.34	− .03	58	56	+ 3	SSW	4	b	3	60	50	—
Parsonstown	30.32	72	Z	0	c	30.31	.00	60	56	+ 2	Z	0	b	*	72	?50	—
‡Valencia	30.37	58	WSW	3	bc	30.33	− .06	57	55	+ 1	S	2	bc	2	62	51	—
Roche's Point	30.35	58	SW	2	bc	30.36	− .02	60	55	+ 2	SW	1	bc	2	63	49	—
Pembroke	30.37	55	W	1	c	30.35	− .01	55	54	0	Z	0	m	1	56	47	—
‡Scilly	30.39	59	WNW	1	bc	30.35	− .04	59	56	+ 2	E	2	b	4	61	51	—
Prawle Point	30.35	54	Z	0	b	30.37	− .02	59	53	+ 5	ENE	1	b	1	60	45	—
Hurst Castle	30.37	56	SW	2	b	30.37	− .02	56	54	+ 2	ENE	2	b	1	66	45	—
‡Dungeness	30.37	56	ESE	3	b	30.38	+ .01	58	54	+ 5	N	1	b	1	58	42	—
‡London	30.36	61	SE	2	b	30.38	− .02	59	53	+ 6	SW	1	b	*	65	43	—
Oxford	30.36	61	E	1	bc	30.37	− .04	59	55	+ 7	SW	1	b	*	65	50	—
Cambridge	30.35	62	W	1	b	30.33	− .06	61	56	+ 9	SW	1	b	*	67	44	—
‡Yarmouth	30.37	55	SE	3	b	30.35	− .05	57	54	+ 5	Z	0	b	2	57	47	—
The Helder	30.37	52	N	1	b	30.36	.00	55	51	+ 4	WSW	1	bc	1	55	46	—
Cape Gris Nez	30.33	58	NE	5	b	30.34	+ .02	55	50	+ 3	E	1	b	0	59	46	—
‡Jersey	30.32	57	ENE	3	bm	30.32	.00	57	54	+ 3	E	3	bm	3	60	48	—
Brest	30.30	59	NE	5	b	30.29	− .04	52	49	+ 1	E	5	b	4	55	45	—
Lorient	30.25	62	NE	7	b	30.28	+ .03	56	50	+ 5	E	7	b	2	70	46	—
‡Rochefort	30.19	69	NE	7	b	30.24	+ .07	55	50	+ 1	NE	7	b	2	?	46	—
Biarritz	30.12	61	NW	5	c	30.12	+ .03	61	59	0	WSW	7	c	3	64	59	—
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30.40	+ .06	55	48	+ 3	ENE	4	b	*	65	43	—
Charleville	30.26	60	NNE	4	b	30.32	+ .00	53	47	+ 4	E	4	b	*	67	44	—
Paris	30.26	65	NNE	3	b	30.34	+ .05	58	54	+ 3	N	3	b	*	*	*	—
Lyons	30.11	55	N	4	c	30.15		51	48		N	4	b	*	57	48	0.04
Toulon	30.00	63	NE	1	c	29.97	+ .01	65	59	+ 7	E	1	b	2	70	57	—

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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Fred. Hangerfield Lith. London

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for 8 a.m. on Friday. 12th June 1885.

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During the 10 Years 1871 — 1880.

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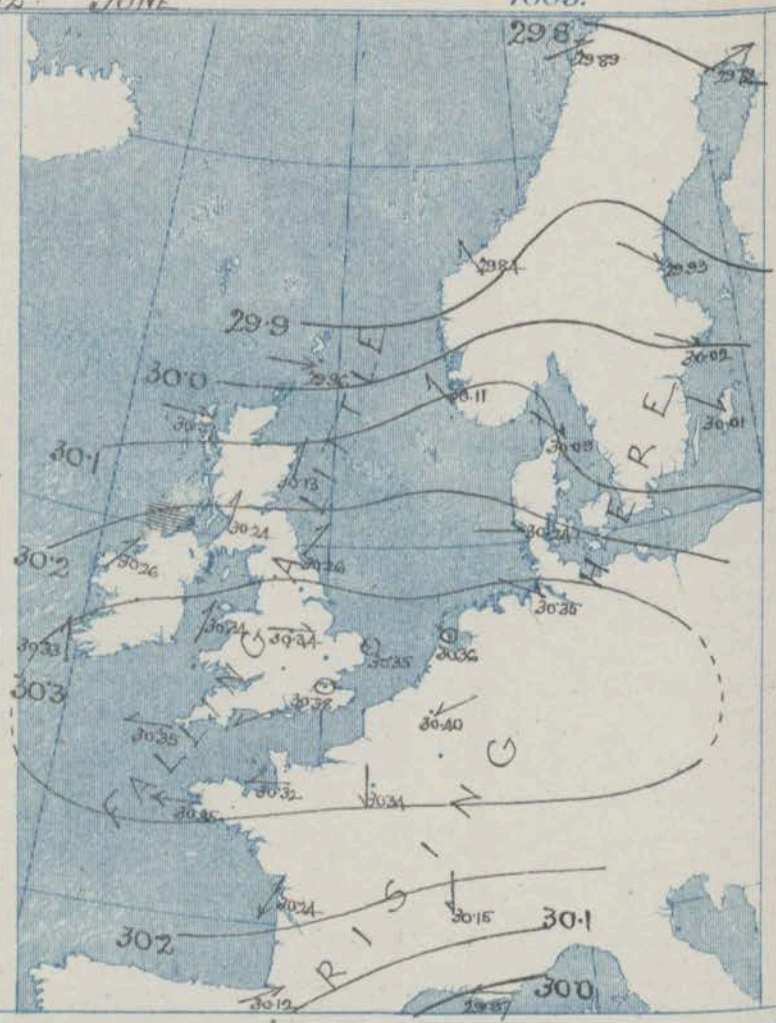
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

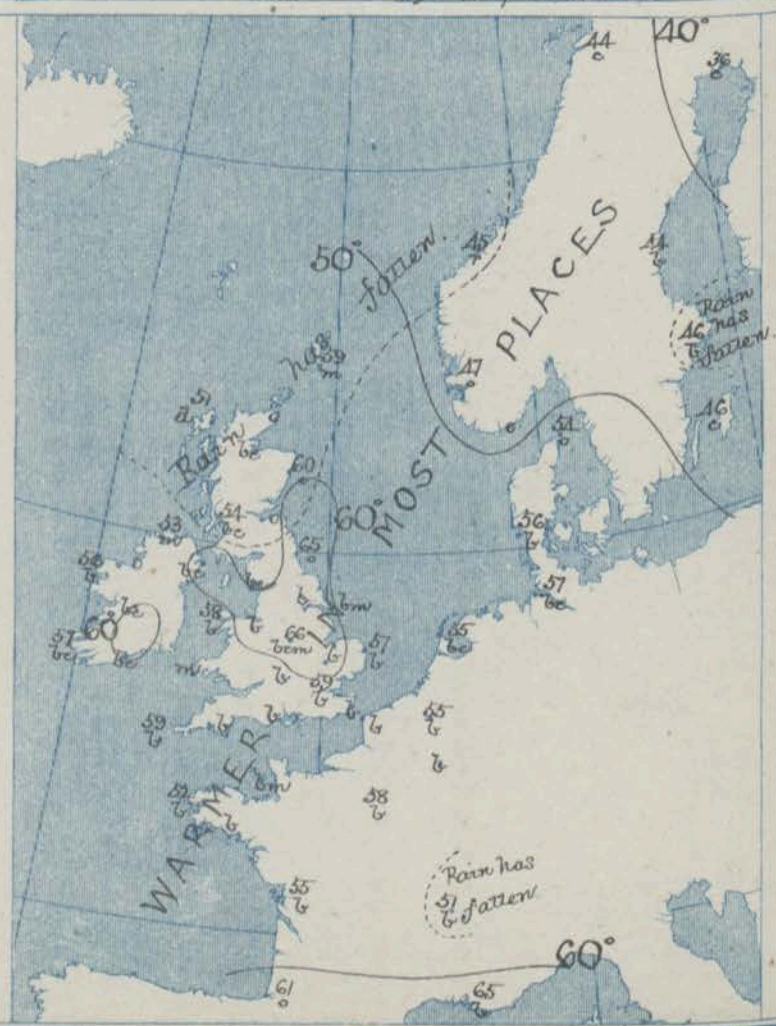
Rainfall *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.*

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	Wet.	RAINFALL (Inches).
Sumburgh Head	54 · 9	45 · 5	50 · 7	49 · 1	2 · 04
Stornoway	58 · 3	46 · 4	54 · 2	51 · 7	3 · 03
Wick	59 · 2	46 · 0	53 · 3	50 · 7	1 · 59
Nairn	62 · 7	48 · 4	54 · 8	50 · 8	2 · 00
Aberdeen	61 · 5	48 · 2	54 · 8	51 · 1	1 · 87
Leith	65 · 2	48 · 4	56 · 4	53 · 1	1 · 96
Shields	61 · 2	50 · 1	55 · 2	51 · 9	1 · 76
York	66 · 5	48 · 6	56 · 6	53 · 2	2 · 47
Ardrossan	63 · 1	50 · 6	55 · 6	52 · 1	2 · 77
Donaghadee	61 · 4	49 · 4	55 · 4	53 · 3	2 · 12
Holyhead	62 · 5	52 · 1	55 · 7	53 · 3	1 · 98
Liverpool	64 · 2	51 · 2	56 · 9	53 · 0	1 · 87
Valencia	62 · 0	51 · 3	56 · 9	53 · 9	3 · 52
Roche's Point	66 · 1	51 · 5	56 · 8	53 · 6	3 · 36
Pembroke	61 · 2	51 · 8	55 · 4	53 · 2	2 · 07
Scilly	61 · 5	53 · 4	57 · 2	55 · 2	1 · 89
Hurst Castle	64 · 1	52 · 7	58 · 1	55 · 9	1 · 98
Dover	63 · 8	53 · 5	59 · 1	55 · 5	1 · 76
LONDON	70 · 0	50 · 7	59 · 5	55 · 3	2 · 24
Oxford	67 · 8	49 · 1	57 · 2	53 · 9	2 · 22
Cambridge	69 · 4	49 · 0	58 · 1	54 · 9	2 · 30
Yarmouth	62 · 6	51 · 7	57 · 2	54 · 4	2 · 12

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Friday. 12th June *1885, at 8 a.m.*

A large anticyclonic system now extends from our extreme southwest coasts to Germany, but the barometer is falling a little at all but the Swedish and French stations, and some depressions are moving along in an easterly direction far to the north of our Islands. Moderate SWly or Wly breezes prevail on our northern coasts and light Ely breezes over the Channel, but at our more central stations the wind is light and variable. The weather is dull at most of the Norwegian and Scotch stations but fine elsewhere. A little rain fell in Scotland yesterday. Temperature has risen in most places, and readings now range from 66° at Loughborough to 50° in the Shetlands. The highest maxima registered yesterday were 72° at Parsonstown and 70° at Loughborough. The sea is rather rough at Malin Head, moderate to smooth elsewhere.

There is at present no sign of any important change. Fresh SWly winds and unsettled weather are likely to continue in the extreme north with light breezes and fine warm weather in the south.

ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that on the 9th inst in Long: 62° W., Lat: about 42° N. the barometer at 8 am fell to 29.5 ins during a "whole gale" veering from SW to NW. Icebergs were seen on the 5th inst between Long: 47° and 48° W., Lat: about 45° N.

FORECASTS

for the 24 hours ending at NOON on 13th June *1885.*

(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Wly and SWly winds, fresh; cloudy, some rain.	6 SCOTLAND WEST	Same as Nos 1 and 2.
1 SCOTLAND EAST	SWly winds, moderate; fair generally.	7 ENGLAND N.W.	Same as Nos 1 and 2
2 ENGLAND N.E.	---------D°---------D°---------	8 ENGLAND S.W	Variable breezes; fine, warm.
3 ENGLAND EAST	Same as No. 5.	9 IRELAND NORTH	SWly and Sly winds, moderate; fair generally, but some showers in west
4 MIDLAND COUNTIES	Same as No. 5.	10 IRELAND SOUTH	---------D°---------D°---------
5 ENGLAND SOUTH	Variable or Wly breezes; fine, warm.	WARNINGS	None Issued.

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·24	49	41	NW	6	c	
Sumburgh Head	30·12	47	47	S	4	r	4
Stornoway	30·12	54	53	S	6	r	5
Aberdeen	30·24	61	55	SSW	3	o	1
Shields	30·30	66	54	W	2	o	4
Ardrossan	30·22	55	53	WSW	2	r	1
Malin Head	30·31	60	57	SSW	4	c	3
Mullaghmore	30·33	63	57	W	2	o	2
Belmullet	30·32	58	56	S	3	c	*

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Holyhead	30·30	59	54	SW	3	bc	2
Valencia	30·30	60	57	WSW	4	c	4
Scilly	30·42	60	56	S	1	bc	5
Dungeness	30·38	57	52	E	4	b	3
London	30·37	62	52	ENE	2	b	*
Yarmouth	30·39	55	50	SE	2	b	3
Jersey	30·32	60	52	NE	4	b	3
Rochefort	30·24	68	59	ENE	7	c	2

REMARKS.

The barometer is falling a little on the East coasts of Great Britain, but rising in the west. Very little change is observed in the wind and while fine weather continues in most places rain is falling at Sumburgh Head and Stornoway. The sea is rather rough at Stornoway and Scilly, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Saturday 13th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London; R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.66	36	W	2	o	29.67	-.12	42	39	+6	S	2	b	*	43	32	-
Hernösand	29.77	45	SSW	2	c	29.80	-.13	52	46	+8	NNW	4	o	*	52	37	-
Stockholm	29.83	52	Z	0	c	29.89	-.13	57	49	+11	NNW	2	b	*	59	37	-
Wisby	29.87	49	W	4	r	29.86	-.15	52	49	+6	NW	4	b	*	63	?	-
Bodö	29.63	41	ENE	2	r	29.68	-.21	43	43	-1	WSW	6	r	4	46	39	0.24
Christiansund	29.87	49	WSW	8	r	29.94	+.10	48	46	+3	WSW	6	r	4	50	43	0.32
‡Skudesnaes	30.10	50	WSW	1	r	30.08	-.03	50	49	+3	NE	1	r	3	50	?	0.55
Oxö (Xtiansand)	30.06	52	WSW	6	bc	30.06	-.07	51	49	+2	WSW	4	o	2	54	46	-
Skagen (The Skaw)	30.00	53	W	6	c	30.04	-.05	54	52	0	W	4	o	3	59	50	-
Fanö	30.20	53	WSW	4	bc	30.17	-.07	56	53	0	WSW	4	c	*	59	52	-
Cuxhaven	30.31	55	W	2	c	30.28	-.07	63	61	+6	SW	2	c	*	63	55	-
‡Sumburgh Head	30.03	49	W	4	o	30.05	+.09	51	49	+1	W	3	o	3	52	46	-
‡Stornoway	30.08	51	W	4	om	30.11	+.04	53	50	+2	W	3	b	2	53	48	0.15
Wick	30.08	51	S	2	o	30.12	+.04	54	52	-4	NW	2	o	1	58	46	0.05
Nairn	30.10	65	W	3	bc	30.10	.00	57	55	-2	WSW	1	o	1	71	55	-
‡Aberdeen	30.11	60	NNE	3	b	30.10	-.03	66	58	+6	W	1	b	1	77	49	-
Leith	30.16	64	WSW	1	o	30.15	-.07	63	57	+3	W	2	b	*	74	55	-
‡Shields	30.19	70	WSW	4	bc	30.18	-.08	63	57	-2	SW	1	b	2	75	50	-
Spurn Head	30.24	58	SE	3	b	30.22	-.10	61	57	+3	Z	0	bm	2	67	54	-
York	30.23	70	W	2	b	30.20	-.13	61	54	-1	W	1	b	*	75	50	-
Loughborough	30.24	74	Z	0	b	30.23	-.11	64	58	-2	NNE	1	bmw	*	78	50	-
‡Ardrossan	30.20	59	Z	0	c	30.18	-.06	55	54	+1	SSW	1	b	0	59	48	-
Malin Head	30.22	58	SW	6	m	30.21	.00	54	52	+1	WSW	4	r	4	64	51	-
‡Mullaghmore	30.22	62	WSW	2	c	30.20	-.06	57	54	+2	SW	2	bw	3	62	52	-
‡Belmullet	30.20	57	SW	8	bc	30.17	-.05	55	55	-1	S	3	o	*	59	54	0.03
Donaghadee	30.21	64	SSW	3	c	30.21	-.06	59	56	-3	E	2	bc	0	72	49	-
Barrow-in-Furness	30.25	61	W	2	b	30.21	-.11	55	52	-2	SW	3	b	*	64	52	-
Liverpool (Bidston)	30.26	65	WNW	1	b	30.22	-.11	63	54	-2	SSE	1	b	1	70	53	-
‡Holyhead	30.27	56	SSW	4	b	30.24	-.10	59	57	+1	NNW	1	b	1	61	50	-
Parsonstown	30.23	66	SW	1	c	30.24	-.07	58	54	-2	Z	0	c	*	70	48	-
‡Valencia	30.27	58	SW	3	bc	30.23	-.10	61	56	+4	SSE	1	bc	1	61	47	-
Roche's Point	30.29	59	SSW	3	b	30.24	-.12	52	51	-8	N	2	f	3	64	48	-
Pembroke	30.28	59	W	1	b	30.22	-.13	58	52	+3	N	1	b	1	59	52	-
‡Scilly	30.29	58	E	4	b	30.21	-.14	61	56	+2	E	4	b	4	61	52	-
Prawle Point	30.30	58	E	1	b	30.21	-.16	63	55	+4	NE	2	b	1	63	53	-
Hurst Castle	30.30	59	WSW	2	b	30.22	-.15	61	58	+5	NE	2	b	1	64	49	-
‡Dungeness	30.29	61	E	2	b	30.23	-.15	61	57	+3	E	2	b	1	62	54	-
‡London	30.27	70	E	2	b	30.24	-.14	66	57	+7	SE	1	b	*	74	49	-
Oxford	30.27	65	Z	0	b	30.23	-.14	65	57	+6	Z	0	b	*	73	52	-
Cambridge	30.29	67	Z	0	b	30.24	-.09	65	58	+4	Z	0	b	*	77	43	-
‡Yarmouth	30.29	62	SSE	1	b	30.26	-.09	59	57	+2	Z	0	b	2	63	53	-
The Helder	30.30	59	WSW	1	o	30.26	-.10	62	59	+7	SSW	1	b	1	63	50	-
Cape Gris Nez	30.27	58	ENE	3	b	30.20	-.14	60	55	+5	ENE	1	b	0	63	52	-
‡Jersey	30.23	62	ENE	3	bm	30.17	-.15	64	56	+7	ENE	2	bm	2	65	53	-
Brest	30.20	64	NE	4	b	30.16	-.13	59	55	+7	ESE	3	b	3	70	52	-
Lorient	30.19	68	W	3	b	30.16	-.12	59	54	+3	E	4	b	2	75	50	-
‡Rochefort	30.14	73	ENE	5	b	30.12	-.12	60	54	+5	ENE	5	b	2	81	50	-
Biarritz	30.10	65	W	5	b	30.05	-.07	64	63	+3	S	1	b	1	66	55	-
Coruña	*	*	*	*	*	30.07	-.10	67	63	+2	ENE	1	b	3	73	50	-
Brussels	*	*	*	*	*	30.23	-.17	63	54	+8	ENE	3	b	*	72	50	-
Charleville	? 30.25	61	NE	4	b	? 30.23	-.09	61	52	+8	S	1	b	*	72	47	-
Paris	30.21	70	NNE	4	b	30.21	-.13	63	57	+5	N	4	b	*	*	*	-
Lyons	30.08	68	S	1	b	30.13	-.02	61	56	+10	E	1	b	*	71	?	-
Toulon	30.03	69	NW	1	b	30.11	+.14	66	61	+1	E	1	bc	2	77	64	-

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred. Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Saturday 13th June. 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevailed winds. They fly with the wind and their barbs and feathers refer to force, thus —*

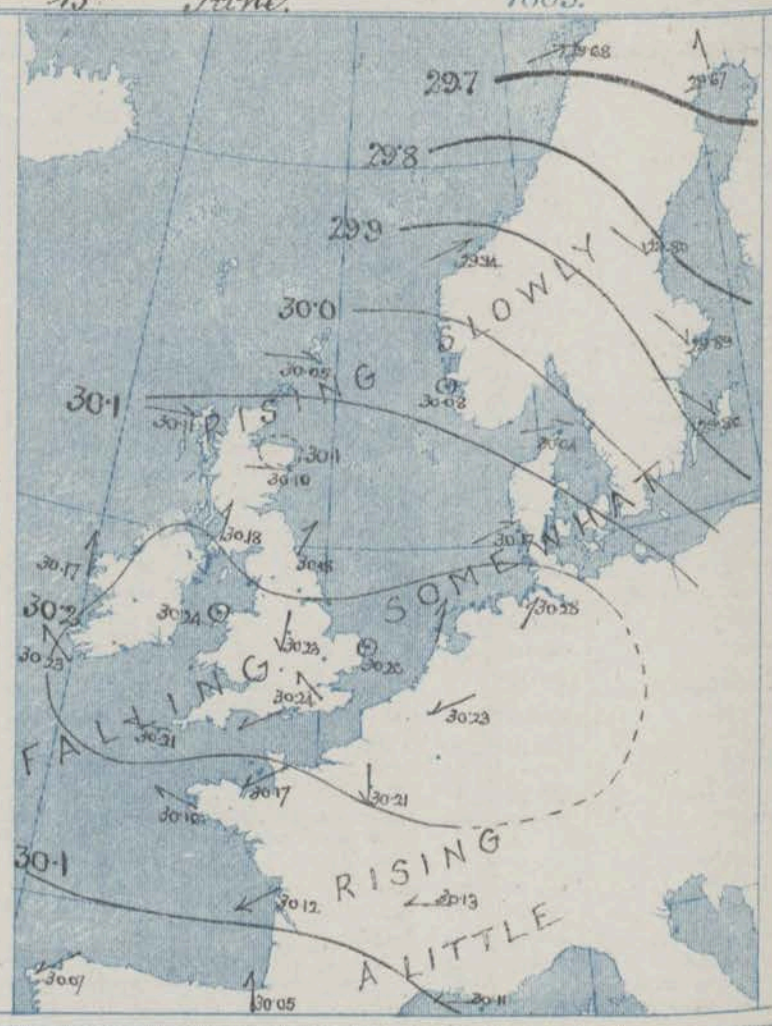
⟶ = forces above 10; ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable, is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

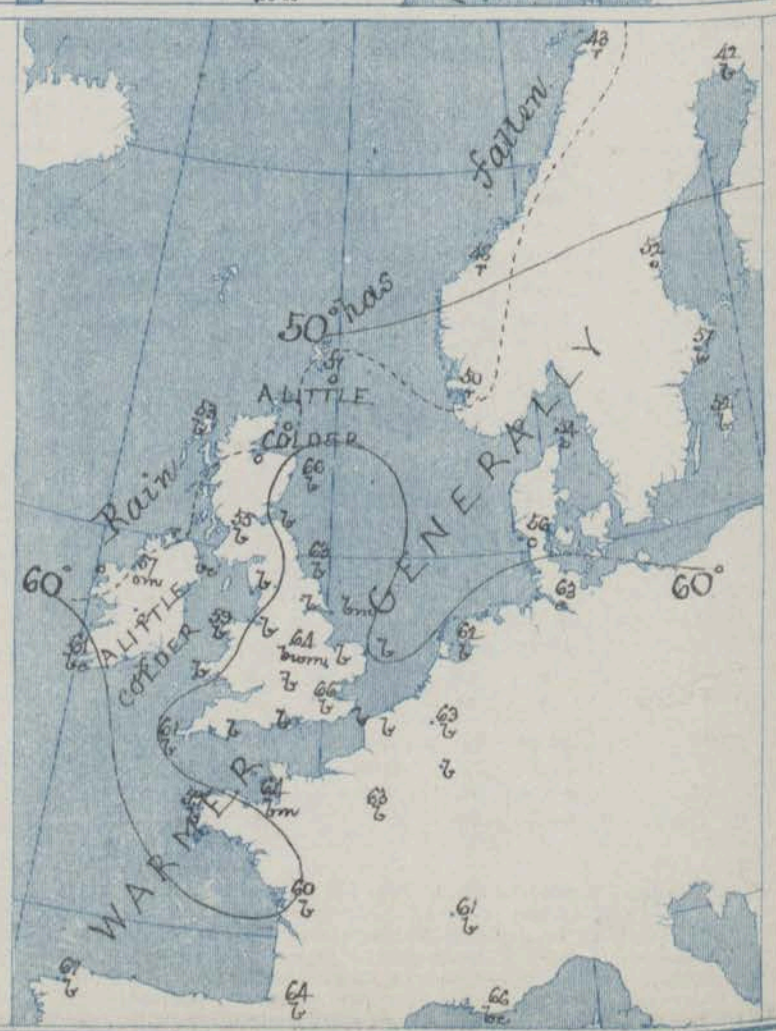
Rainfall *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.*

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	Wet.	RAINFALL (Inches).
Sumburgh Head	54 · 9	45 · 5	50 · 7	49 · 1	2 · 04
Stornoway	58 · 3	46 · 4	54 · 2	51 · 7	3 · 03
Wick	59 · 2	46 · 0	53 · 3	50 · 7	1 · 59
Nairn	62 · 7	48 · 4	54 · 8	50 · 8	2 · 00
Aberdeen	61 · 5	48 · 2	54 · 8	51 · 1	1 · 87
Leith	65 · 2	48 · 4	56 · 4	53 · 1	1 · 96
Shields	61 · 2	50 · 1	55 · 2	51 · 9	1 · 76
York	66 · 5	48 · 6	56 · 6	53 · 2	2 · 47
Ardrossan	63 · 1	50 · 6	55 · 6	52 · 1	2 · 77
Donaghadee	61 · 4	49 · 4	55 · 4	53 · 3	2 · 12
Holyhead	62 · 5	52 · 1	55 · 7	53 · 3	1 · 98
Liverpool	64 · 2	51 · 2	56 · 9	53 · 0	1 · 87
Valencia	62 · 0	51 · 3	56 · 9	53 · 9	3 · 52
Roche's Point	66 · 1	51 · 5	56 · 8	53 · 6	3 · 36
Pembroke	61 · 2	51 · 8	55 · 4	53 · 2	2 · 07
Scilly	61 · 5	53 · 4	57 · 2	55 · 2	1 · 89
Hurst Castle	64 · 1	52 · 7	58 · 1	55 · 9	1 · 98
Dover	63 · 8	53 · 5	59 · 1	55 · 5	1 · 76
LONDON	70 · 0	50 · 7	59 · 5	55 · 3	2 · 24
Oxford	67 · 8	49 · 1	57 · 2	53 · 9	2 · 22
Cambridge	69 · 4	49 · 0	58 · 1	54 · 9	2 · 30
Yarmouth	62 · 6	51 · 7	57 · 2	54 · 4	2 · 12

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for SATURDAY 13th JUNE. 1885, at 8 a.m.

An anticyclonic band still extends from our south-west coasts across England & the Netherlands to Germany, but as the barometer is falling in the centre of this area while it is rising over Scotland, and the south of France readings are becoming more uniform. The wind is light from the S.wd in the west of Ireland and from W. in Scotland and on the eastern shores of the North Sea, but over the Channel and France it is chiefly E. Rain is falling in the west of Norway and also at Malin Head, and dull weather is reported on our extreme north and north-west coasts, but elsewhere the sky is generally clear. Temperature has fallen a little at some of our western and northern stations, but risen elsewhere; readings now range from 66° at Aberdeen and in London to 51° at Sumburgh Head. The highest maxima registered yesterday were 78° at Loughborough, 77° at Aberdeen and Cambridge and 75° at Shields and York. The sea is slight or smooth generally.

The present changes are in favour of a still greater uniformity of pressure, but no important alteration is likely in the weather.

FORECASTS

for the 24 hours ending at NOON on 14th June 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W.ly winds, light, fair generally.	6 SCOTLAND WEST	SW.ly winds, light; fine generally.
1 SCOTLAND EAST	------ D° ------ D° ------ D° ------	7 ENGLAND N.W.	Same as Nos 2 to 4.
2 ENGLAND N.E.	Calms or variable airs; fine, warm.	8 ENGLAND S.W	E.ly winds, light; fine generally.
3 ENGLAND EAST	------ D° ------ D° ------ D° ------	9 IRELAND NORTH	S.ly and SW.ly winds, moderate; fair generally.
4 MIDLAND COUNTIES	------ D° ------ D° ------ D° ------	10 IRELAND SOUTH	------ D° ------ D° ------ D° ------
5 ENGLAND SOUTH	Variable or E.ly breezes; fine, warm.	WARNINGS	None issued.

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·11	50	49	WSW	4	r	3	Holyhead	30·30	61	56	SSW	4	b	3
Sumburgh Head	30·02	50	49	W	5	o	4	Valencia	30·29	60	58	SSW	4	bc	4
Stornoway	30·09	53	52	WSW	4	d	3	Scilly	30·33	60	54	E	5	b	4
Aberdeen	30·10	72	62	WSW	5	c	1	Dungeness	30·34	60	55	N	1	b	1
Shields	30·21	75	61	SW	3	c	2	London	30·31	71	61	E	1	bm	*
Ardrossan	30·21	58	57	SSW	2	c	22	Yarmouth	30·31	61	58	SSE	4	b	3
Malin Head	30·22	62	58	SW	5	m	6	Jersey	30·29	63	53	ENE	3	b	3
Mullaghmore	30·24	59	55	WSW	2	o	3	Rochefort	30·19	78	62	ENE	7	b	1
Belmullet	30·21	59	55	SW	3	bc	*								

REMARKS.

The barometer is falling a little at all stations excepting Sumburgh Head and Stornoway but no important change is shown either in the winds or weather. Temperature is high on our north-east coasts, the reading at Shields being 75°. The sea is moderate to smooth.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Sunday 14th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.75	42	S	2	c	29.77	+ .10	54	46	+ 12	N	2	b	*	?	28	—
Hernösand	29.94	53	NW	2	b	30.00	+ .20	54	46	+ 2	NW	2	b	*	63	45	—
Stockholm	29.99	50	2	0	b	30.07	+ .18	62	54	+ 5	2	0	b	*	66	46	—
Wisby	29.96	53	W	4	b	30.04	+ .18	54	51	+ 2	W	4	b	*	66	48	—
Bodö	29.73	46	WSW	0	c	29.84	+ .16	45	44	+ 2	WSW	6	o	3	46	41	0.04
Christiansund	30.06	49	WSW	4	c	30.04	+ .10	49	45	+ 1	SW	3	o	4	53	45	0.04
‡Skudesnaes	30.15	50	WNW	2	c	30.15	+ .07	47	45	— 3	NNW	4	o	3	55	50	—
Oxö (Christiansund)	30.08	62	W	2	b	30.10	+ .04	52	48	+ 1	WSW	2	b	2	63	48	—
Skagen (The Skaw)	30.04	55	W	3	b	30.07	+ .03	58	51	+ 4	WSW	4	b	2	63	48	—
Fanö	30.16	51	NW	4	b	30.16	— .01	59	56	+ 3	2	0	b	*	63	46	—
Cuxhaven	?	56	NW	2	b	30.17	— .11	63	61	0	E	1	m	*	66	61	—
‡Sumburgh Head	30.11	53	W	3	bc	30.09	+ .04	52	49	+ 1	W	3	b	2	56	46	—
‡Stornoway	30.15	57	WSW	3	bc	30.17	+ .06	53	47	0	W	3	c	2	61	46	—
Wick	30.15	50	NW	1	bc	30.17	+ .05	56	53	+ 2	2	0	o	0	59	45	—
Nairn	30.11	55	SW	1	c	30.18	+ .08	56	51	— 1	SW	2	b	1	62	49	0.02
‡Aberdeen	30.16	53	NE	2	o	30.17	+ .07	56	51	— 10	NNW	3	o	1	68	50	—
Leith	30.15	66	W	1	b	30.15	.00	59	56	— 4	WNW	1	o	*	72	49	—
‡Shields	30.13	62	SE	2	bc	30.14	— .04	60	56	— 3	NNE	1	b	2	70	50	—
Spurn Head	30.12	57	SE	2	b	30.11	— .11	59	56	— 2	N	1	bc	1	64	52	—
York	30.13	72	W	1	bc	30.13	— .07	59	54	— 2	NNE	1	o	*	75	53	—
Loughborough	30.12	75	ESE	2	c	30.12	— .11	65	60	+ 1	NNW	1	bmw	*	79	53	—
‡Ardrossan	30.15	61	WNW	1	b	30.20	+ .02	56	51	+ 1	WNW	2	o	2	63	51	—
Malin Head	30.21	52	E	2	c	30.29	+ .08	54	52	0	NW	3	bc	3	54	48	0.03
‡Mullaghmore	30.17	58	WNW	2	c	30.25	+ .05	55	51	— 2	NNW	4	bc	3	61	54	—
‡Belmullet	30.16	55	SSW	3	o	30.26	+ .09	52	49	— 3	N	3	b	*	56	45	0.08
Donaghadee	30.17	59	SSW	2	c	30.21	.00	54	52	— 5	NE	5	o	3	62	50	—
Barrow-in-Furness	30.10	62	NW	2	b	30.14	— .07	58	55	+ 3	NW	3	b	*	64	54	—
Liverpool (Bidston)	30.16	63	NW	1	b	30.15	— .07	59	55	— 4	NW	1	bc	2	67	54	—
‡Holyhead	30.18	59	NNW	1	b	30.18	— .06	62	55	+ 3	WNW	2	b	2	65	50	—
Parsonstown	30.15	70	W	1	c	30.20	— .01	55	53	— 3	NNE	1	og	*	70	51	—
‡Valencia	30.19	59	NW	2	bm	30.23	.00	59	55	— 4	NNE	3	o	3	65	52	—
Roche's Point	30.18	60	SSW	3	b	30.18	— .06	58	54	+ 6	N	4	b	3	65	50	—
Pembroke	30.13	64	N	3	b	30.10	— .12	59	55	+ 1	NNE	4	b	2	68	55	—
‡Scilly	30.14	63	ENE	2	bm	30.11	— .10	60	56	— 1	NE	4	bm	4	66	53	—
Prawle Point	30.18	61	NE	1	b	30.09	— .12	65	59	+ 2	NE	2	b	1	66	52	—
Hurst Castle	30.12	66	S	2	b	30.12	— .10	63	60	+ 2	ENE	2	b	1	71	49	—
‡Dungeness	30.13	61	E	2	b	30.06	— .17	59	57	— 2	ENE	2	b	1	66	49	—
‡London	30.13	69	E	1	b	30.11	— .13	65	58	— 1	E	1	bm	*	77	54	—
Oxford	30.12	68	E	1	b	30.11	— .12	66	58	+ 1	2	0	b	*	75	52	—
Cambridge	30.12	68	SE	1	b	30.12	— .12	64	58	— 1	E	1	b	*	78	48	—
‡Yarmouth	30.17	64	SSE	1	b	30.12	— .14	60	56	+ 1	N	2	b	2	65	54	—
The Helder	30.16	61	NNE	3	b	30.10	— .16	63	59	+ 1	NE	1	b	1	72	61	—
Cape Gris Nez	30.12	64	ENE	3	b	30.04	— .16	58	57	— 2	E	3	b	1	68	54	—
‡Jersey	30.08	66	ENE	2	bm	30.06	— .11	68	61	+ 4	SE	1	bm	1	78	56	—
Brest	30.07	70	ENE	3	b	30.02	— .14	60	54	+ 1	ENE	5	o	4	75	52	—
Lorient	29.96	69	W	3	b	30.04	— .12	63	59	+ 4	E	3	b	1	77	54	—
‡Rochefort	30.06	70	NNW	4	b	30.07	— .05	66	63	+ 6	SE	5	b	2	86	57	—
Biarritz	29.96	79	E	4	b	29.98	— .07	67	63	+ 3	SE	3	b	1	82	61	—
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30.06	— .17	70	62	+ 7	NE	1	b	*	79	? 56	—
Charleville	?30.13	78	SE	4	b	?	?	63	59	+ 2	SSE	1	b	*	87	48	—
Paris	30.08	75	ESE	1	b	30.09	— .12	69	62	+ 6	NE	1	b	*	*	*	—
Lyons	30.03	79	ESE	1	b	30.11	— .02	68	59	+ 7	ESE	1	b	*	81	57	—
Toulon	30.11	67	SE	1	b	30.11	.00	68	64	+ 2	E	2	bc	2	75	64	—

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers, q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred. Hangfield Lith London

WEATHER CHARTS

for 8 a.m. on Sunday 14th June 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevailing winds. They fly with the wind and their barbs and feathers refer to force, thus —*

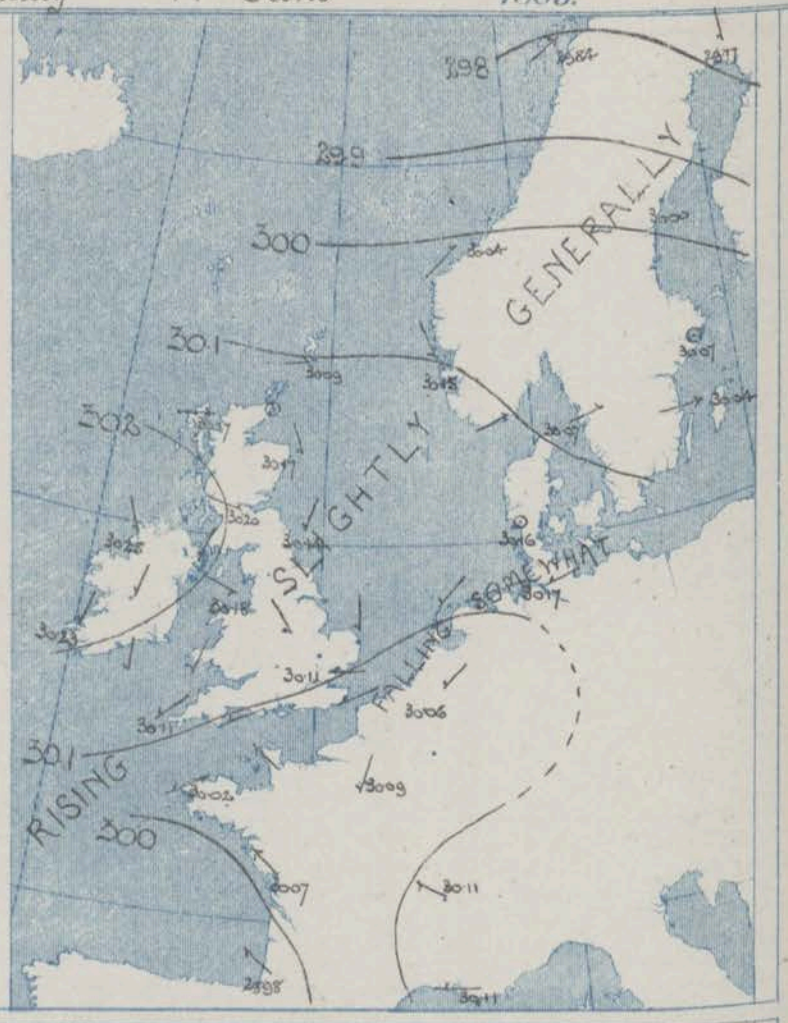
= forces above 10; = forces 8 to 10;
= forces 5 to 7; = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable, is shown thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871 — 1880.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

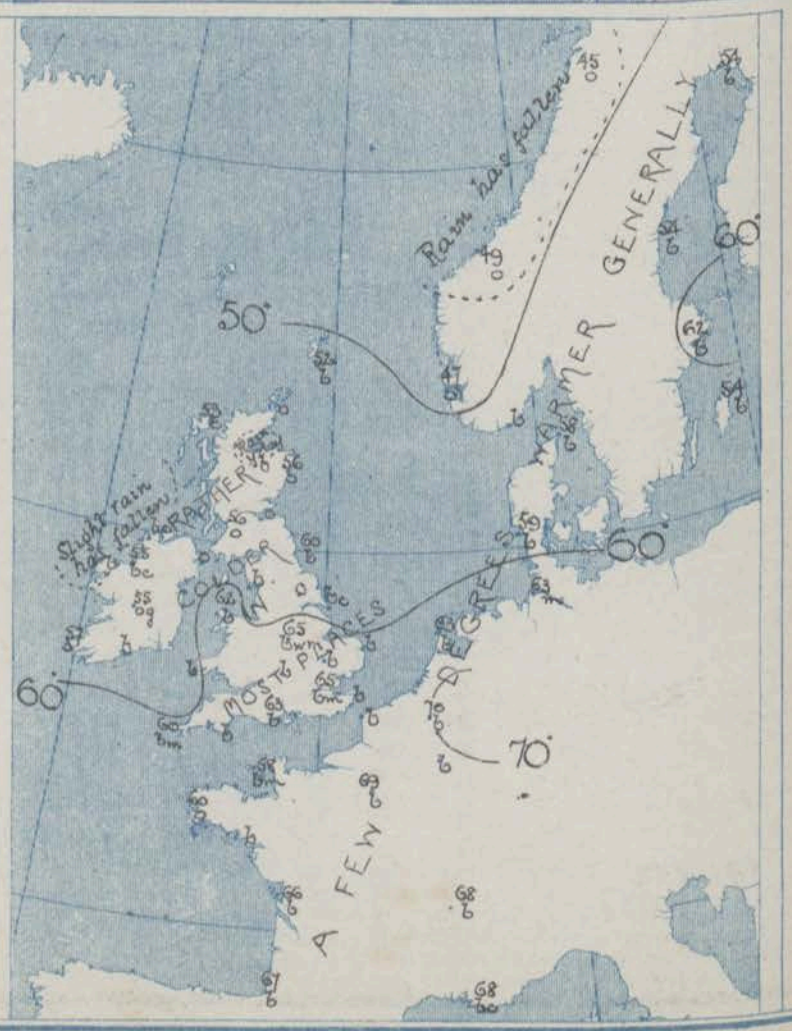
Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*
Weather is shown by Letters of the Beaufort Scale.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches).
Sumburgh Head	54 · 9	45 · 5	50 · 7	49 · 1	2 · 04
Stornoway	58 · 3	46 · 4	54 · 2	51 · 7	3 · 03
Wick	59 · 2	46 · 0	53 · 3	50 · 7	1 · 59
Nairn	62 · 7	48 · 4	54 · 8	50 · 8	2 · 00
Aberdeen	61 · 5	48 · 2	54 · 8	51 · 1	1 · 87
Leith	65 · 2	48 · 4	56 · 4	53 · 1	1 · 96
Shields	61 · 2	50 · 1	55 · 2	51 · 9	1 · 76
York	66 · 5	48 · 6	56 · 6	53 · 2	2 · 47
Ardrossan	63 · 1	50 · 6	55 · 6	52 · 1	2 · 77
Donaghadee	61 · 4	49 · 4	55 · 4	53 · 3	2 · 12
Holyhead	62 · 5	52 · 1	55 · 7	53 · 3	1 · 98
Liverpool	64 · 2	51 · 2	56 · 9	53 · 0	1 · 87
Valencia	62 · 0	51 · 3	56 · 9	53 · 9	3 · 52
Roche's Point	66 · 1	51 · 5	56 · 8	53 · 6	3 · 36
Pembroke	61 · 2	51 · 8	55 · 4	53 · 2	2 · 07
Scilly	61 · 5	53 · 4	57 · 2	55 · 2	1 · 89
Hurst Castle	64 · 1	52 · 7	58 · 1	55 · 9	1 · 98
Dover	63 · 8	53 · 5	59 · 1	55 · 5	1 · 76
LONDON	70 · 0	50 · 7	59 · 5	55 · 3	2 · 24
Oxford	67 · 8	49 · 1	57 · 2	53 · 9	2 · 22
Cambridge	69 · 4	49 · 0	58 · 1	54 · 9	2 · 30
Yarmouth	62 · 6	51 · 7	57 · 2	54 · 4	2 · 12

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Sunday 14th June 1885, at 8 a.m.

The anticyclonic system recently noticed over our Islands has partially broken up, but a new one has appeared over Ireland, and although the barometer is falling over England and France ~~and~~ a recovery of pressure has set in over Ireland and Scotland. The wind is light from W. on our extreme northern coasts, but N. in the east, and NE. or E. in the south. The weather is dull at several of the Irish and Scotch stations, as well as in the west of Norway, but fair or fine elsewhere. Temperature has fallen a little in our Islands but risen at most of the Continental stations, and readings now range from 68° at Jersey and 66° at Oxford to 52° at Sumburgh Head and Belmullet. The highest maxima registered yesterday were 79° at Loughborough, 78° at Cambridge, 77° in London and 75° at York and Oxford. The sea is slight or smooth on nearly all coasts.

ATLANTIC TELEGRAM.

The Chief Signal Office at Washington U.S. reports that icebergs were seen on the 7th Inst. between Longitudes 47° and 49° W. (Lat. about 44° to 47° N.).

FORECASTS

for the 24 hours ending at NOON on 15th June, 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None issued	6 SCOTLAND WEST	None issued
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	None issued

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·13	55	53	W	2	o	3	Holyhead	30·22	60	57	NW	2	b	2
Sumburgh Head	30·10	55	52	W	3	b	3	Valencia	30·21	63	60	WSW	3	bm	4
Stornoway	30·14	60	53	W	3	bc	2	Scilly	30·18	64	55	ENE	4	b	4
Aberdeen	30·16	55	52	ENE	3	o	1	Dungeness	30·16	65	60	E	1	b	1
Shields	30·14	67	59	ESE	2	bc	2	London	30·16	64	60	ESE	2	b	*
Ardrossan	30·18	60	57	SSW	1	b	0	Yarmouth	30·20	62	58	SE	2	b	1
Malin Head	30·22	54	51	ENE	2	c	4	Jersey	30·12	73	59	ENE	3	b	3
Mullaghmore	30·19	58	56	WNW	2	o	3	Rochefort	30·09	62	60	W	1	b	2
Belmullet	30·18	56	55	S	2	o	*								

REMARKS.

A large anticyclone still lies over the British Isles and their neighbourhood, and the change in pressure are so slight that no important alteration in the weather is likely. The sea is moderate to smooth.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Monday 15th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.80	49	SW	0	bc	29.75	-.02	54	45	0	W	2	c	*	59	39	-
Hernösand ...	29.98	55	SW	2	b	29.95	-.05	54	46	0	NW	2	b	*	66	43	-
Stockholm ...	29.94	56	W	0	b	29.95	-.12	57	51	-5	NE	4	b	*	75	46	-
Wisby	29.91	58	SSE	4	b	29.86	-.18	54	50	0	W	4	bc	*	70	48	-
Bodö	29.84	45	SW	4	o	29.82	-.02	45	45	0	WSW	4	c	3	46	41	0.16
Christiansund...	30.04	49	WSW	4	c	29.89	-.15	48	44	-1	WSW	4	o	3	54	43	-
‡Skudesnaes ..	30.12	50	NNW	4	bc	30.04	-.11	51	48	+4	WNW	6	c	3	55	?*	-
Oxö (Xtiansand).	30.02	56	SW	4	bc	29.99	-.11	55	49	+3	W	2	bc	2	?	52	-
Skagen (The Skaw)	30.00	55	W	4	c	29.94	-.13	56	51	-2	WNW	3	o	1	63	52	-
Fanö	30.06	53	NNW	2	b	29.99	-.17	59	54	0	N	2	b	*	66	46	-
Cuxhaven ..	30.09	61	N	3	b	29.99	-.18	64	63	+1	NE	2	m	*	67	60	-
‡Sumburgh Head	30.08	53	W	4	bc	29.97	-.12	46	44	-6	W	3	bc	4	56	44	0.09
‡Stornoway ...	30.18	54	WSW	5	c	30.14	-.08	51	48	-2	WNW	5	bcp	4	58	45	0.09
Wick	30.10	56	NW	1	bc	?30.09	-.17	53	50	-3	NW	4	bc	2	62	42	-
Nairn	30.18	61	WSW	2	bc	30.15	-.03	53	48	-3	W	2	b	1	64	44	-
‡Aberdeen... ...	30.19	55	E	2	c	30.15	-.02	55	49	-1	WNW	4	b	1	64	48	-
Leith ...	30.14	59	SSE	2	b	30.18	+.03	59	51	-2	W	0	b	*	69	48	-
‡Shields	30.15	55	NNE	2	c	30.19	+.03	55	51	-5	N	1	c	2	61	49	-
Spurn Head ...	30.10	55	NNE	3	c	30.12	+.01	52	52	-7	NNE	4	cm	2	64	49	-
York	30.16	64	N	2	c	30.16	+.03	54	52	-5	N	1	o	*	74	52	-
Loughborough	30.08	71	NE	4	c	30.14	+.02	54	53	-11	NW	3	agdm	*	78	54	-
‡Ardrossan ...	30.18	58	WNW	4	bc	30.21	+.01	56	54	0	W	3	b	2	63	56	-
Malin Head ...	30.29	54	NW	3	bc	30.29	.00	52	49	-2	NW	4	bc	4	56	49	-
‡Mullaghmore ...	30.29	55	N	4	bcv	30.29	+.04	58	49	-2	WNW	5	o	3	58	50	-
‡Belmullet ..	30.30	55	N	2	bc	30.28	+.02	53	49	+1	SW	2	bc	*	56	44	-
Donaghadee ...	30.24	54	NNE	5	bc	30.23	+.04	54	52	0	NNE	4	b	2	60	49	-
Barrow-in-Furness	30.13	59	NW	3	c	30.14	.00	53	50	-5	NW	3	bc	*	65	51	-
Liverpool (Bidston)	30.13	57	WNW	2	o	30.16	+.01	54	51	-5	NW	2	o	3	62	53	-
‡Holyhead ...	30.18	54	N	5	c	30.21	+.03	53	51	-9	N	6	bc	5	63	50	-
Parsonstown ...	30.28	54	NNW	1	o	30.28	+.05	54	50	-1	NW	1	c	*	59	40	-
‡Valencia	30.29	56	NNE	4	cgf	30.30	+.07	56	52	-1	NNE	3	c	4	60	48	-
Roche's Point ..	30.22	63	NNE	3	bc	30.24	+.06	55	50	-3	NNE	4	bc	3	67	48	-
Pembroke ...	30.10	56	N	6	c	30.15	+.05	54	50	-5	N	7	b	2	62	50	-
‡Scilly	30.11	58	NNE	5	bm	30.09	-.02	54	52	-6	NNE	7	b	6	62	53	-
Prawle Point ...	30.05	67	NE	1	b	30.05	-.04	63	59	-2	NE	3	b	2	72	56	-
Hurst Castle ...	30.05	71	SW	1	b	30.07	-.05	61	59	-2	NE	3	b	1	75	55	-
‡Dungeness ...	30.03	63	E	3	b	30.04	-.02	60	58	+1	ENE	2	b	1	72	53	-
‡London	30.04	71	E	1	b	30.09	-.02	57	54	-8	NNE	3	o	*	81	53	-
Oxford	30.05	69	NE	1	b	30.11	.00	59	55	-7	NNE	3	bm	*	77	54	-
Cambridge ...	30.11	68	NW	1	b	30.11	-.01	56	54	-8	N	1	o	*	80	52	-
‡Yarmouth ...	30.09	65	N	3	b	30.07	-.05	57	55	-3	NNW	3	c	3	65	51	-
The Helder ...	30.02	64	NE	1	b	29.99	-.11	61	56	-2	NNE	3	c	3	70	57	-
Cape Gris Nez...	?	60	?	3	b	30.01	-.03	57	57	-1	NE	5	m	4	66	57	-
‡Jersey	30.01	69	NNE	1	o	30.01	-.05	61	58	-7	NE	2	cgm	2	79	58	0.08
Brest	29.99	68	NNE	4	b	29.98	-.04	62	58	+2	NE	5	b	3	79	55	-
Lorient	30.04	68	S	1	bc	29.99	-.05	63	61	0	E	3	b	1	81	55	-
‡Rochefort ...	30.03	71	NW	4	b	30.02	-.05	66	65	0	W	0	b	2	90	57	-
Biarritz	30.03	69	W	4	b	30.03	+.05	65	63	-2	W	1	c	4	82	63	-
Corunna	*	*	*	*	*	?30.15		64	63	.	N	1	o	2	70	52	-
Brussels	*	*	*	*	*	29.97	-.09	64	61	-6	W	3	a	*	84	?53	-
Charleville ...	?30.00	60	SW	1	b	?30.02	?	63	62	0	S	4	o	*	85	56	-
Paris	30.02	80	NE	3	b	30.04	-.05	68	64	-1	W	0	o	*	*	*	-
Lyons	30.00	78	SSE	4	c	30.02	-.09	67	60	-1	SE	1	b	*	86	58	-
Toulon	30.10	71	W	1	b	30.07	-.04	72	64	+4	W	0	b	1	79	64	-

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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Fred. Dangerfield Lith. London

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for 8 a.m. on Monday, 15th June 1885.

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(Explanation of Map)

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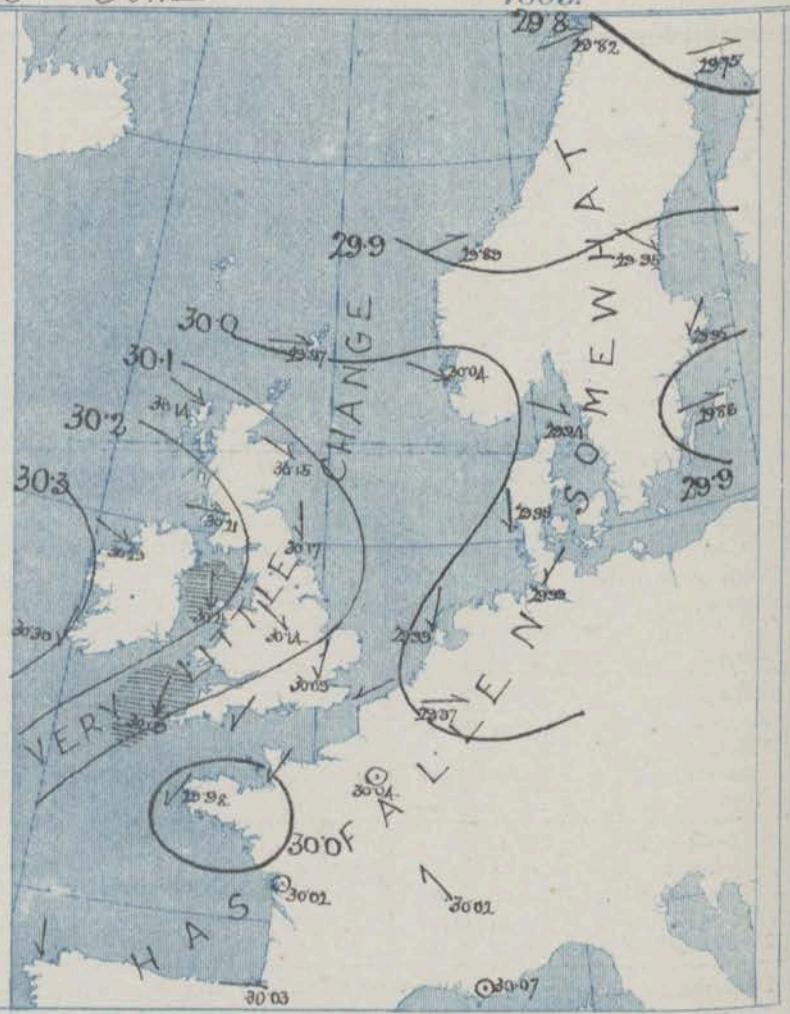
Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⟶ = forces above 10, ⟶ = forces 8 to 10,
⟶ = forces 5 to 7, ⟶ = forces 1 to 4,
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.



MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June:
During the 10 Years 1871—1880.

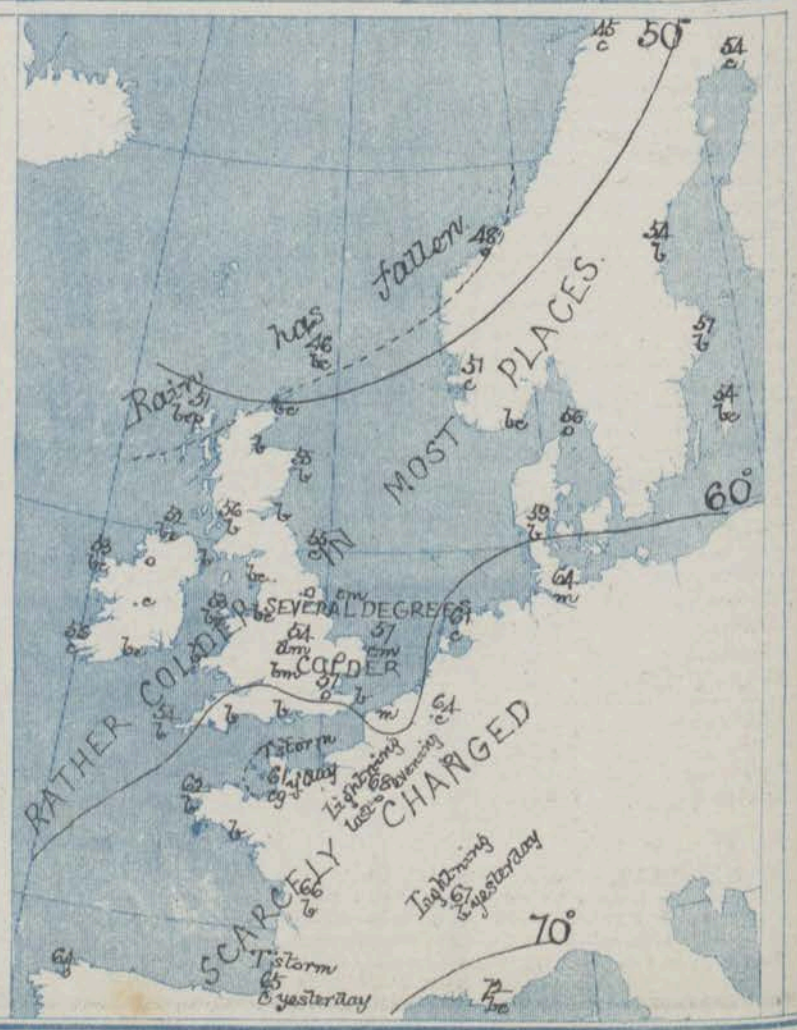
STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956

TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.*



MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches).
Sumburgh Head	54 · 9	45 · 5	50 · 7	49 · 1	2 · 04
Stornoway	58 · 3	46 · 4	54 · 2	51 · 7	3 · 03
Wick	59 · 2	46 · 0	53 · 3	50 · 7	1 · 59
Nairn	62 · 7	48 · 4	54 · 8	50 · 8	2 · 00
Aberdeen	61 · 5	48 · 2	54 · 8	51 · 1	1 · 87
Leith	65 · 2	48 · 4	56 · 4	53 · 1	1 · 96
Shields	61 · 2	50 · 1	55 · 2	51 · 9	1 · 76
York	66 · 5	48 · 6	56 · 6	53 · 2	2 · 47
Ardrossan	63 · 1	50 · 6	55 · 6	52 · 1	2 · 77
Donaghadee	61 · 4	49 · 4	55 · 4	53 · 3	2 · 12
Holyhead	62 · 5	52 · 1	55 · 7	53 · 3	1 · 98
Liverpool	64 · 2	51 · 2	56 · 9	53 · 0	1 · 87
Valencia	62 · 0	51 · 3	56 · 9	53 · 9	3 · 52
Roche's Point	66 · 1	51 · 5	56 · 8	53 · 6	3 · 36
Pembroke	61 · 2	51 · 8	55 · 4	53 · 2	2 · 07
Scilly	61 · 5	53 · 4	57 · 2	55 · 2	1 · 89
Hurst Castle	64 · 1	52 · 7	58 · 1	55 · 9	1 · 98
Dover	63 · 8	53 · 5	59 · 1	55 · 5	1 · 76
LONDON	70 · 0	50 · 7	59 · 5	55 · 3	2 · 24
Oxford	67 · 8	49 · 1	57 · 2	53 · 9	2 · 22
Cambridge	69 · 4	49 · 0	58 · 1	54 · 9	2 · 30
Yarmouth	62 · 6	51 · 7	57 · 2	54 · 4	2 · 12

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.

REMARKS.

for Monday 15th June 1885, at 8 a.m.

Since yesterday morning pressure over our Islands has remained practically unchanged, and an anticyclone is therefore still lying over our western coasts. At the Continental stations, however, the barometer has fallen somewhat, and shallow depressions are now found over the Baltic, the Netherlands, and the north-west of France. The wind is moderate from NW on our northern coasts, but strong from N. over the St George's and Bristol Channels, and light from NE. in the south of England and north of France. Over Central England and the north east of France the sky has become overcast, with drizzling rain at Loughborough, but elsewhere the weather remains fine. Thunderstorms occurred yesterday at Jersey and Biarritz and lightning was seen at Paris and Lyons. Temperature has fallen several degrees over England, and readings now range from 63° at Jersey to 46° at Sumburgh Head. The highest maxima registered yesterday were 81° in London, 80° at Cambridge, and 78° at Loughborough. The sea is rough at Scilly, rather rough at Holyhead, moderate to smooth elsewhere.

There is at present no sign of any important change in the weather.

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 10th Inst: between Long: 46° and 48° W. Lat: about 45 N.

FORECASTS

for the 24 hours ending at NOON on 16th June 1885.

(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NWly winds, moderate; fair generally.	6 SCOTLAND WEST	Same as Nos 0 and 1.
1 SCOTLAND EAST	------D°-------D°-------D°------	7 ENGLAND N.W.	Same as No 2
2 ENGLAND N.E.	Nly winds, moderate; fair generally.	8 ENGLAND S.W	Nly and NEly winds, fresh; fair generally.
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	Same as Nos 0 and 1.
4 MIDLAND COUNTIES	Same as No 2	10 IRELAND SOUTH	Same as No 5.
5 ENGLAND SOUTH	Nly and NEly winds, moderate, fair generally.	WARNINGS	None issued.

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30.15	55	50	WNW	4	be	3	Holyhead							
Sumburgh Head								Valencia							
Stornoway								Scilly							
Aberdeen								Dungeness							
Shields								London							*
Ardrossan								Yarmouth							
Malin Head								Jersey							
Mullaghmore								Rochefort	30.14	87	72	SSW	1	be	2
Belmullet							*								

REMARKS.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD

FROM THE 7TH JUNE TO THE 13TH JUNE 1885

The week commenced with a very unstable distribution of pressure, the dominant system being cyclonic and the gradients over our Islands favourable for E.ly winds, while those in France were for W.ly. A change then took place, to an anticyclonic distribution and the weather became very fine.

At 8 am on Sunday (the 7th) pressure was high both over France and the North Sea, lowest over the southwestern and southern parts of our Islands. The low-pressure area subsequently developed into a trough, lying from west to east over the Channel, the south of England and the Netherlands, having a well-defined "minimum" between the Sussex coast and Havre, and another at the mouth of St George's Channel. Cold E.ly winds and heavy rains prevailed over Ireland and England, but in the north the sky was clear. The western "minimum" then filled up, while the eastern one took a northeasterly course and grew deeper.

The barometer now rose and an anticyclone advanced slowly over the Kingdom from the westward. The wind backed to NW and N over the northern districts, while it drew into east in the south. The sky cleared, and temperature rose so that the maximum readings over England increased from between 60° and 64° on the 10th, to between 75° and 79° on the 13th. At the close of the week fine warm weather prevailed everywhere.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Tuesday 16th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force (0 to 12)	Weather	Sea (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.72	46	S	0	0	29.62	-.13	55	47	+1	N	2	b	*	59	43	-
Hernösand ...	29.86	46	S	2	0	29.34	-.61	43	42	-11	NNE	4	h	*	59	41	0.24
Stockholm ...	29.61	53	SSW	2	0	29.47	-.48	50	44	-3	W	8	o	*	64	46	-
Wisby ...	29.76	54	WSW	4	c	29.64	-.22	51	46	-3	W	8	b	*	68	50	0.04
Bodö ...	29.67	46	NNE	2	c	29.66	-.16	46	44	+1	S	0	b	1	48	39	-
Christiansund ...	29.74	44	W	4	c	29.78	-.11	47	43	-1	W	3	bc	3	7	41	0.32
‡Skudesnaes ...	29.93	48	WNW	6	c	30.01	-.03	47	43	-4	NW	6	c	4	55	48	-
Oxö (Xtiansand) ...	29.84	33	WNW	6	b	29.97	-.02	50	44	-5	W	6	b	4	61	45	-
Skagen (The Skaw)	29.79	52	W	6	b	29.86	-.08	52	45	-4	WNW	7	b	6	61	48	-
Fanö ...	30.00	49	NW	6	bc	30.05	+.06	53	49	-6	NW	6	bc	*	63	46	-
Cuxhaven ...	29.97	54	N	6	bc	30.10	-.11	56	56	-8	N	4	b	*	66	54	-
‡Sumburgh Head	30.00	48	WNW	5	bc	30.06	-.09	49	44	+3	W	3	b	3	52	42	0.01
‡Stornoway ...	30.16	55	NW	4	bc	30.09	-.05	50	48	-1	SSE	1	o	1	57	44	0.01
Wick ...	30.10	54	NW	5	c	30.09	+.09	52	49	-1	S	1	c	1	57	40	0.02
Nairn ...	30.14	57	W	1	bc	30.11	-.04	51	47	-2	S	0	o	1	59	40	-
‡Aberdeen ...	30.12	57	NNW	4	b	30.12	-.03	50	47	-5	N	1	o	1	64	46	-
Leith ...	30.09	67	NW	1	b	30.08	-.10	54	51	-3	E	1	o	*	70	48	-
‡Shields ...	30.12	53	E	2	b	30.07	-.10	53	51	-2	S	2	o m	2	59	50	-
Spurn Head ...	30.12	53	NE	3	bc	30.12	.00	54	52	+2	SE	3	c	2	57	49	-
York ...	30.13	60	E	2	b	30.12	-.04	54	52	0	SE	2	o	*	70	49	-
Loughborough	30.10	62	ENE	3	c	30.10	-.04	55	52	+1	ENE	2	o	*	64	50	-
‡Ardrossan ...	30.14	56	NW	2	c	30.05	-.16	55	52	-1	NE	3	o	1	61	45	-
Malin Head ...	30.21	52	N	3	bc	30.12	-.17	51	48	-1	N	3	c	2	57	48	-
‡Mullaghmore ...	30.21	55	NNW	5	c	30.10	-.19	53	48	0	E	1	c	2	58	51	-
‡Belmullet ...	30.23	55	NE	1	b	30.08	-.20	53	49	0	SE	1	bc	*	57	47	-
Donaghadee ...	30.19	55	NNE	5	b	30.08	-.17	51	49	-3	NE	3	c	1	58	47	-
Barrow-in-Furness	30.09	61	NW	3	b	30.08	-.06	55	53	+2	SE	4	cm	*	63	53	-
Liverpool (Bidston)	30.11	56	WNW	2	o	30.06	-.10	54	52	0	NNE	1	o	2	59	51	-
‡Holyhead ...	30.15	53	N	4	bc	30.07	-.14	53	51	0	NNW	3	c	2	55	50	-
Parsonstown ...	30.18	60	NNE	1	bc	30.09	-.19	50	47	-4	S	0	o g	*	61	49	-
‡Valencia ...	30.20	57	N	4	bem	30.07	-.23	58	55	+2	NSW	1	c	2	61	49	-
Roche's Point ...	30.18	60	SSE	3	bc	30.06	-.18	53	50	-2	N	3	c	3	66	46	-
Pembroke ...	30.08	55	N	6	o	30.02	-.13	55	53	+1	N	2	o m	1	58	51	-
‡Scilly ...	30.05	54	NNE	6	o	30.00	-.09	57	55	+3	E	4	o m	3	59	52	-
Prawle Point ...	30.02	65	ENE	1	b	29.99	-.06	53	53	-10	ENE	4	o	3	70	51	-
Hurst Castle ...	30.02	68	ENE	4	b	30.02	-.05	60	56	-1	E	4	b	2	71	55	-
‡Dungeness ...	30.03	59	ENE	3	bc	30.05	+.01	58	58	-2	E	5	bc	4	70	56	-
‡London ...	30.05	64	NE	3	c	30.07	-.02	61	55	+4	ENE	3	bc	*	69	51	-
Oxford ...	30.10	58	NE	3	o	30.06	-.05	59	53	0	E	1	c	*	65	52	-
Cambridge ...	30.10	58	N	1	o	30.09	-.02	60	53	-4	SE	1	bc	*	64	48	-
‡Yarmouth ...	30.10	55	NE	4	c	30.12	+.05	55	52	-2	ESE	4	bcv	3	58	51	-
The Helder ...	30.08	56	ENE	3	b	30.14	+.15	56	51	-5	NE	3	bc	1	61	56	-
Cape Gris Nez ...																	
‡Jersey ...	29.97	64	NE	4	b	29.93	-.08	59	57	-2	ENE	3	bem	3	71	54	-
Brest ...	29.93	68	ENE	4	o	29.89	-.09	61	61	-1	SE	3	m	3	79	55	-
Lorient ...	29.95	73	NNW	1	c	29.91	-.08	63	60	0	E	3	b	2	81	55	-
‡Rochefort ...	29.97	69	WNW	3	bc	29.91	-.11	67	65	+1	ENE	3	o	2	82	57	-
Biarritz ...	29.94	66	N	4	o	29.89	-.14	64	51	-1	NSW	5	o	2	72	53	-
Corunna ...	*	*	*	*	*												
Brussels ...	*	*	*	*	*	30.06	+.09	56	50	-8	ESE	3	b	*	73	49	-
Charleville ...	?29.96	72	SW	1	bc	?30.00	-.02	61	60	-2	NE	4	m	*	68	59	-
Paris ...	29.93	77	N	3	b	29.99	-.05	61	58	-7	N	3	c	*	*	*	-
Lyons ...	29.91	75	W	3	b	29.95	-.07	68	62	+1	ENE	1	bc	*	86	60	-
Toulon ...	29.96	73	SW	1	o	29.94	-.13	66	63	-6	SE	1	c	1	81	64	-

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred. Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Tuesday 16th June 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

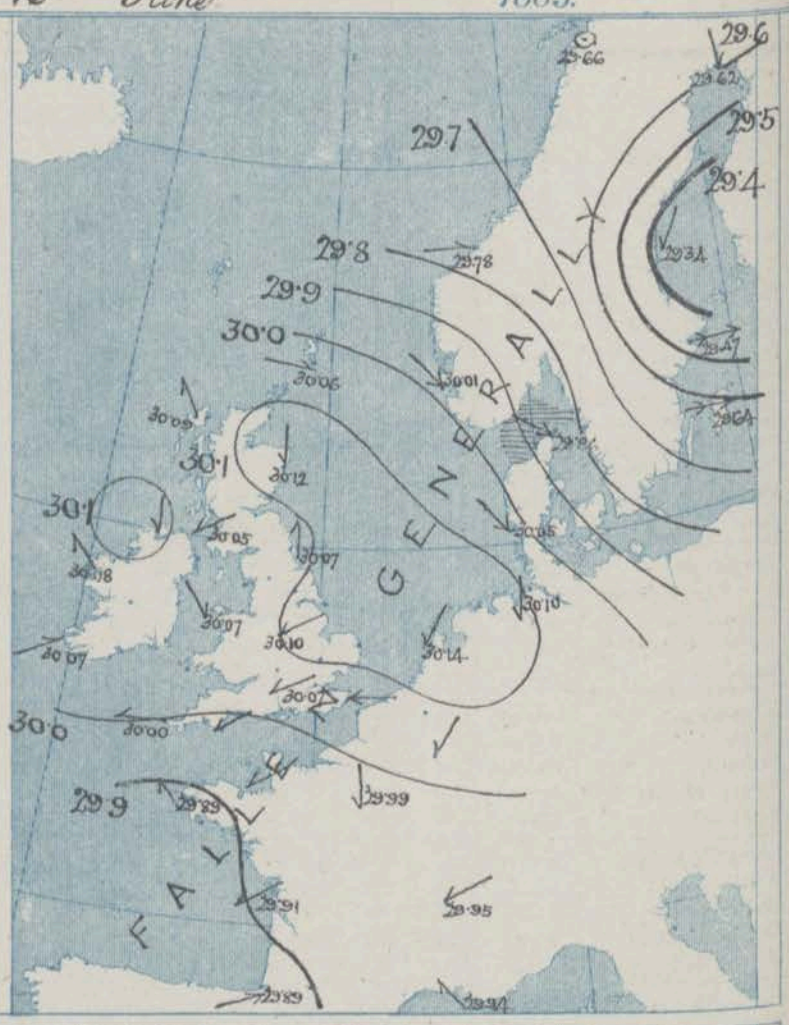
= forces above 10; = forces 8 to 10;
= forces 5 to 7; = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

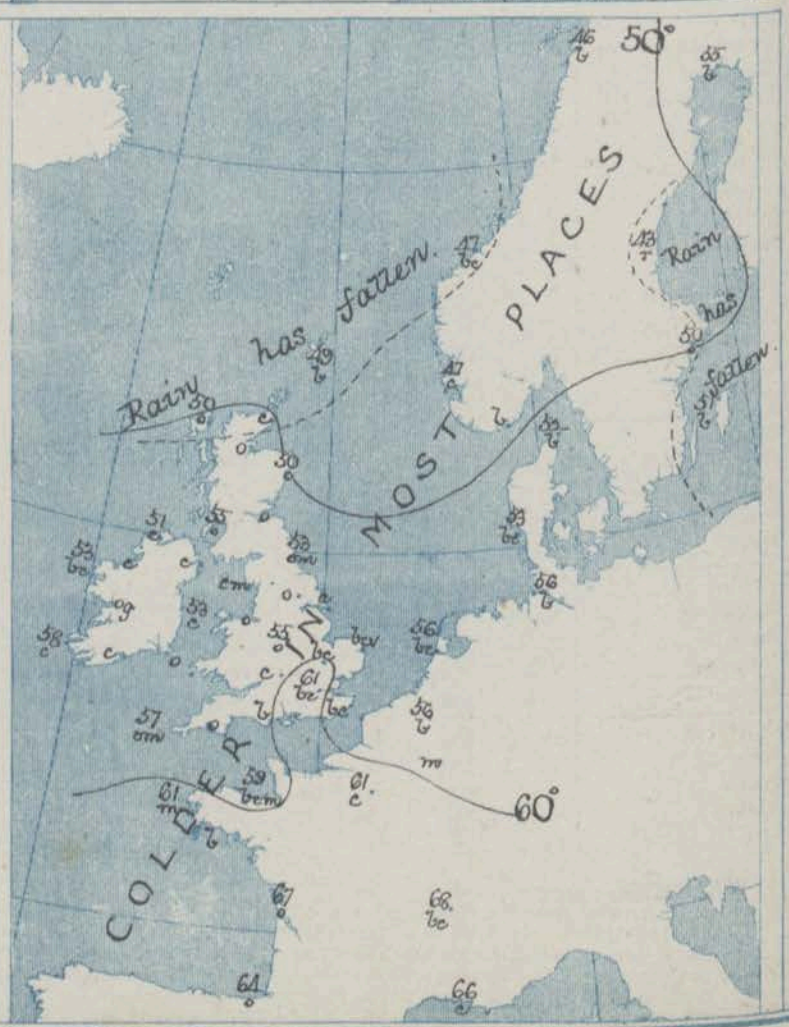
Rainfall *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.*

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry	At 8 a.m. Wet.	RAINFALL (Inches).
Sumburgh Head	54 · 9	45 · 5	50 · 7	49 · 1	2 · 04
Stornoway	58 · 3	46 · 4	54 · 2	51 · 7	3 · 03
Wick	59 · 2	46 · 0	53 · 3	50 · 7	1 · 59
Nairn	62 · 7	48 · 4	54 · 8	50 · 8	2 · 00
Aberdeen	61 · 5	48 · 2	54 · 8	51 · 1	1 · 87
Leith	65 · 2	48 · 4	56 · 4	53 · 1	1 · 96
Shields	61 · 2	50 · 1	55 · 2	51 · 9	1 · 76
York	66 · 5	48 · 6	56 · 6	53 · 2	2 · 47
Ardrossan	63 · 1	50 · 6	55 · 6	52 · 1	2 · 77
Donaghadee	61 · 4	49 · 4	55 · 4	53 · 3	2 · 12
Holyhead	62 · 5	52 · 1	55 · 7	53 · 3	1 · 98
Liverpool	64 · 2	51 · 2	56 · 0	53 · 0	1 · 87
Valencia	62 · 0	51 · 3	56 · 9	53 · 9	3 · 52
Roche's Point	66 · 1	51 · 5	56 · 8	53 · 6	3 · 36
Pembroke	61 · 2	51 · 8	55 · 4	53 · 2	2 · 07
Scilly	61 · 5	53 · 4	57 · 2	55 · 2	1 · 89
Hurst Castle	64 · 1	52 · 7	58 · 1	55 · 9	1 · 98
Dover	63 · 8	53 · 5	59 · 1	55 · 5	1 · 76
LONDON	70 · 0	50 · 7	59 · 5	55 · 3	2 · 24
Oxford	67 · 8	49 · 1	57 · 2	53 · 9	2 · 22
Cambridge	69 · 4	49 · 0	58 · 1	54 · 9	2 · 30
Yarmouth	62 · 6	51 · 7	57 · 2	54 · 4	2 · 12

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Tuesday 16th June 1885, at 8 a.m.

The anticyclone recently noticed over our western coasts appears to have dispersed, while the depression over the Baltic has become deeper. The barometer has therefore fallen generally, and, while an area of relatively high readings is lying over the North Sea a shallow low pressure system is found over the Bay of Biscay. Strong NW½W winds prevail in Norway and Denmark, and fresh W½N gales at Stockholm and Visby, but in our Islands and France the wind is light or moderate from between NE. and SE. The weather is fair generally, but overcast skies are reported locally, and rain is falling at Hernösand. A little rain fell yesterday in the extreme north of Scotland. Temperature has fallen a little in most places, and readings now range from 61° in London to 49° in the Shetlands. The sea is slight or smooth generally.

Since last evening the barometric fall has been greater on our western coasts than elsewhere. It is therefore probable that the wind over England will veer to SE., but no change in the weather is likely at present.

FORECASTS

for the 24 hours ending at NOON on 17th June 1885.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SE½E winds, light or moderate; fair generally.	6 SCOTLAND WEST	Same as Nos 0 and 1
1 SCOTLAND EAST	------ Do. ------ Do. ------ Do. ------	7 ENGLAND N.W.	Same as Nos 0 and 1.
2 ENGLAND N.E.	Same as No 5	8 ENGLAND S.W	E½N or SE½E winds, fresh; fair but cloudy.
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	SE½E winds, light to fresh; fair to cloudy and some rain.
4 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	------ Do. ------ Do. ------ Do. ------
5 ENGLAND SOUTH	E½N or SE½E winds, moderate; fair generally.	WARNINGS	NONE ISSUED.

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.96	55	50	W	4	c	4	Holyhead	30.20	54	51	N	5	bc	4
Sumburgh Head	29.96	51	47	WNW	5	bc	4	Valencia	30.24	61	57	N	4	bc	4
Stornoway	30.16	55	49	WNW	5	c	4	Scilly	30.09	56	53	NNE	7	bc	6
Aberdeen	30.12	64	55	NNW	4	bc	1	Dungeness	30.05	65	60	ENE	2	b	1
Shields	30.15	59	53	E	3	b	2	London	30.08	67	60	NNE	2	bc	*
Ardrossan	30.17	61	56	WNW	4	b	3	Yarmouth	30.11	59	55	N	4	c	3
Malin Head	30.26	56	56	N	3	b	3	Jersey	30.00	69	61	NE	3	b	3
Mullaghmore	30.25	56	51	NW	4	c	3	Rochefort	30.02	75	69	WNW	4	bc	2
Belmullet	30.25	56	49	NE	2	bc	*								

REMARKS.

The barometer is falling a little in most places, but the winds are unchanged and fair weather is reported generally. The sea is rough at Scilly, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Wednesday — 17th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.60	53	NE	2	b	29.75	+ .13	51	42	− 4	N	4	b	*	61	41	—
Hernösand	29.57	45	N	4	c	29.80	+ .16	55	48	+ 12	N	2	bc	*	?	44	0.75
Stockholm	29.56	49	W	9	o	29.81	+ .24	55	48	+ 5	NW	6	b	*	59	46	—
Wisby	29.71	53	WNW	6	b	29.82	+ .18	49	46	− 2	NW	4	b	*	59	?	—
Bodö	29.80	48	N	1	b	29.90	+ .24	47	45	+ 1	WNW	2	c	2	45	43	—
Christiansund	29.95	47	WNW	3	bc	29.99	+ .21	46	44	− 1	SW	2	c	4	50	41	0.04
‡Skudesnaes	30.01	47	WNW	2	c	30.00	− .01	48	44	+ 1	NW	4	c	3	52	46	—
Oxö (Christiansand)	29.91	54	WNW	6	b	29.96	− .01	49	44	− 1	NNW	2	b	2	57	45	—
Skagen (The Skaw)	29.89	52	W	4	b	29.93	+ .07	54	49	+ 2	Z	0	b	0	61	50	—
Fanö	30.02	46	NW	4	b	29.99	− .06	55	53	+ 2	NNW	4	b	*	55	45	—
Cuxhaven	30.09	51	NNE	3	b	30.03	− .07	53	53	− 3	ENE	4	c	*	56	50	—
‡Sumburgh Head	30.01	50	W	2	bc	29.96	− .10	50	46	+ 1	SSE	3	b	3	54	40	—
‡Stornoway	29.97	56	E	3	b	29.84	− .25	52	48	+ 2	S	4	og	3	56	42	—
Wick	30.00	53	S	3	bc	29.86	− .23	54	52	+ 2	S	1	o	0	58	46	—
Nairn	29.95	53	ENE	3	b	29.89	− .22	52	48	+ 1	Z	0	b	0	56	39	—
‡Aberdeen	30.02	52	SE	3	bc	29.89	− .23	54	51	+ 4	SW	2	bc	1	56	48	—
Leith	29.97	53	ESE	2	o	29.91	− .17	53	52	− 1	E	1	o	*	56	49	—
‡Shields	29.95	54	SE	3	o	29.94	− .13	55	50	+ 2	SSW	2	c	2	60	49	—
Spurn Head	30.01	54	E	4	c	29.94	− .18	52	51	− 2	E	4	cp	3	59	50	0.04
York	30.02	54	E	1	r	29.97	− .15	54	51	0	ESE	1	c	*	61	48	0.20
Loughborough	29.96	59	E	3	o	29.93	− .17	54	50	− 1	ENE	3	o	*	69	49	0.10
‡Ardrossan	29.94	58	NE	1	om	29.91	− .14	56	52	+ 1	W	1	bm	0	62	49	—
Malin Head	29.95	55	N	3	b	29.89	− .23	55	51	+ 4	SSW	2	b	2	56	49	—
‡Mullaghmore	29.97	56	NNW	2	c	29.93	− .17	55	50	+ 2	SW	3	c	2	59	51	—
‡Belmullet	29.98	54	SE	1	bc	29.91	− .17	53	49	0	SW	3	c	*	57	46	—
Donaghadee	29.97	53	NE	3	b	29.94	− .14	53	52	+ 2	NE	1	bc	0	57	43	—
Barrow-in-Furness	29.95	58	SE	3	c	29.93	− .15	54	51	− 1	SE	3	bc	*	61	52	—
Liverpool (Bidston)	29.95	56	ESE	1	c	29.92	− .14	54	50	0	ESE	2	c	3	58	50	0.19
‡Holyhead	29.95	54	N	2	bc	29.91	− .16	56	54	+ 3	NW	2	m	2	56	51	—
Parsonstown	29.95	62	N	1	bc	29.96	− .13	55	50	+ 5	W	1	b	*	63	42	—
‡Valencia	29.99	55	NNW	3	om	30.00	− .07	56	54	− 2	NNW	1	c	1	63	45	—
Roche's Point	29.97	59	SSW	3	c	29.97	− .09	56	50	+ 3	N	4	b	3	64	50	—
Pembroke	29.90	59	NNE	3	c	29.90	− .12	51	50	− 4	NNE	3	d	1	59	50	0.12
‡Scilly	29.90	57	NNW	2	om	29.92	− .08	58	53	− 2	N	5	b	4	59	52	0.17
Prawle Point	29.87	55	NE	3	o	29.85	− .14	58	56	+ 5	N	2	o	2	58	52	0.05
Hurst Castle	29.86	58	ESE	3	r	29.82	− .20	53	53	− 7	NE	3	rm	2	68	52	0.83
‡Dungeness	29.90	60	E	5	bc	29.77	− .28	54	53	− 4	E	4	r	3	61	? 50	0.12
‡London	29.93	59	ENE	4	c	29.84	− .23	54	52	− 7	ENE	3	or	*	65	53	0.13
Oxford	29.93	59	E	3	r	29.88	− .18	51	50	− 8	NE	3	o	*	65	49	0.28
Cambridge	30.01	58	ESE	1	o	29.88	− .21	53	52	− 7	NE	1	or	*	68	49	0.12
‡Yarmouth	30.01	56	E	5	b	29.91	− .21	53	51	− 2	ENE	7	r	5	60	51	0.02
The Helder	30.01	55	NE	4	b	29.91	− .23	53	49	− 3	ENE	4	o	3	59	52	—
Cape Gris Nez	29.85	59	ENE	7	b	29.75		54	53		ENE	8	r	6	64	54	0.12
‡Jersey	29.89	61	WSW	2	orgm	29.78	− .15	55	55	− 4	NNE	2	rf	2	71	54	0.61
Brest	29.78	70	NE	1	o	29.84	− .05	55	55	− 6	N	7	m	3	73	52	—
Lorient	29.78	68	NE	4	b	29.79	− .12	62	60	− 1	N	5	o	2	77	55	—
‡Rochefort	29.85	73	WSW	1	o	29.82	− .04	62	62	− 5	W	5	m	2	81	59	0.08
Biarritz	29.80	64	W	4	r	29.86	− .03	61	60	− 3	W	5	r	2	72	59	0.43
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29.77	− .29	? 50	50	− 6	ENE	4	r	*	70	?	0.39
Charleville	? 29.84	73	NE	4	b	? 29.76	− .24	65	62	+ 4	ESE	1	o	*	78	60	—
Paris	29.81	75	NE	3	bc	29.75	− .24	68	64	+ 7	S	1	o	*	*	*	0.28
Lyons	29.84	67	S	4	o	29.84	− .11	66	61	− 2	SSE	3	b	*	89	59	0.04
Toulon	29.88	67	SE	1	o	29.85	− .09	61	59	− 5	E	4	r	3	?	59	0.59

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred. Dangerfield Lith London

WEATHER CHARTS

for 8 a.m. on Wednesday 17th June. 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevailed winds. They fly with the wind and their barbs and feathers refer to force, thus —*

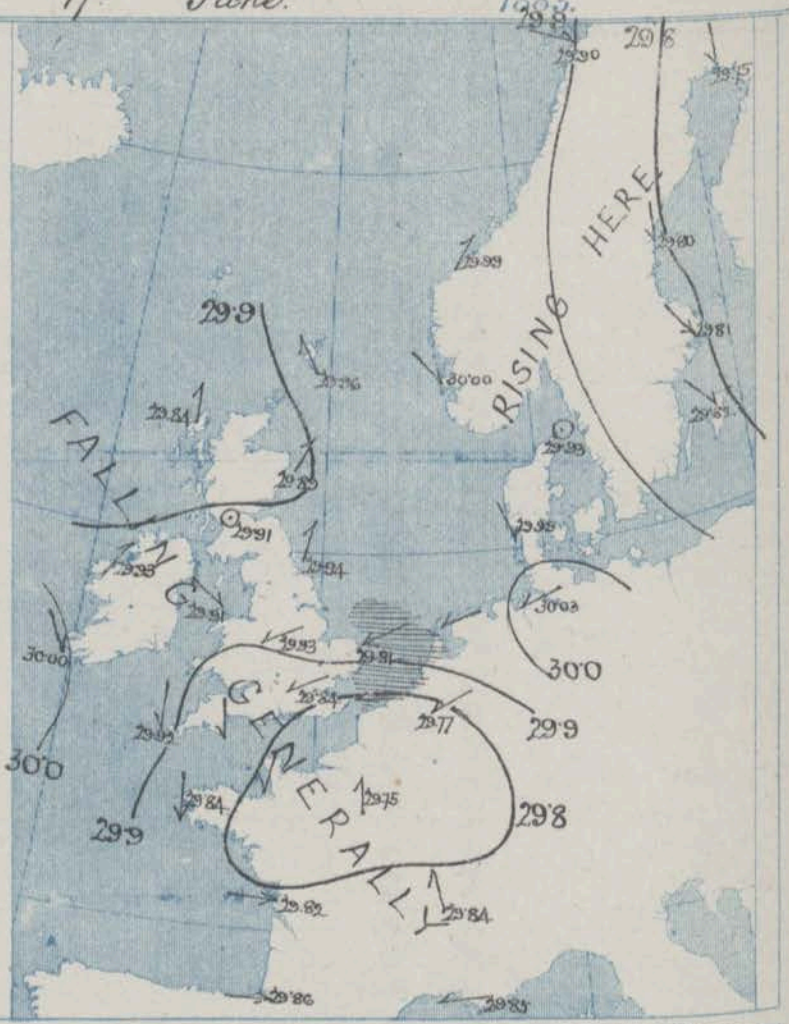
= forces above 10, = forces 8 to 10,
= forces 5 to 7, = forces 1 to 4,
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

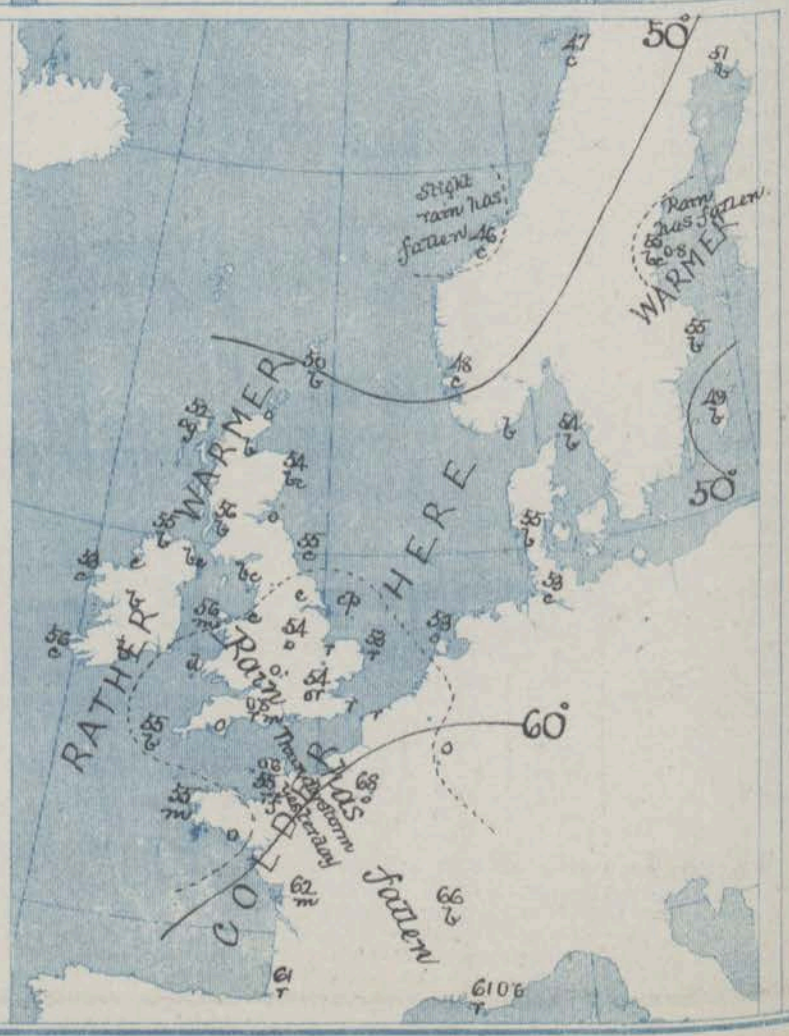
Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*
Weather *is shown by Letters of the Beaufort Scale.*
Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches).
Sumburgh Head	54 · 9	45 · 5	50 · 7	49 · 1	2 · 04
Stornoway	58 · 3	46 · 4	54 · 2	51 · 7	3 · 03
Wick	59 · 2	46 · 0	53 · 3	50 · 7	1 · 59
Nairn	62 · 7	48 · 4	54 · 8	50 · 8	2 · 00
Aberdeen	61 · 5	48 · 2	54 · 8	51 · 1	1 · 87
Leith	65 · 2	48 · 4	56 · 4	53 · 1	1 · 96
Shields	61 · 2	50 · 1	55 · 2	51 · 9	1 · 76
York	66 · 5	48 · 6	56 · 6	53 · 2	2 · 47
Ardrossan	63 · 1	50 · 6	55 · 6	52 · 1	2 · 77
Donaghadee	61 · 4	49 · 4	55 · 4	53 · 3	2 · 12
Holyhead	62 · 5	52 · 1	55 · 7	53 · 3	1 · 98
Liverpool	64 · 2	51 · 2	56 · 9	53 · 0	1 · 87
Valencia	62 · 0	51 · 3	56 · 9	53 · 9	3 · 52
Roche's Point	66 · 1	51 · 5	56 · 8	53 · 6	3 · 36
Pembroke	61 · 2	51 · 8	55 · 4	53 · 2	2 · 07
Scilly	61 · 5	53 · 4	57 · 2	55 · 2	1 · 89
Hurst Castle	64 · 1	52 · 7	58 · 1	55 · 9	1 · 98
Dover	63 · 8	53 · 5	59 · 1	55 · 5	1 · 76
LONDON	70 · 0	50 · 7	59 · 5	55 · 3	2 · 24
Oxford	67 · 8	49 · 1	57 · 2	53 · 9	2 · 22
Cambridge	69 · 4	49 · 0	58 · 1	54 · 9	2 · 30
Yarmouth	62 · 6	51 · 7	57 · 2	54 · 4	2 · 12

NOTE - The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Wednesday 17th June 1885, at 8 a.m.

In the course of the past twenty-four hours the barometer has continued to fall at all but the Scandinavian stations, and large but shallow areas of low pressure are now found over Scotland and the north of France. Light S.ly or SW.ly winds prevail on our north and northwest coasts, but in the south of our Islands the wind is moderate or fresh from N or NE, while in the south of France it draws into W. Dull rainy weather is reported over our southern and southeastern counties, but fair weather in most other localities. Since yesterday heavy rain has fallen at some of the Channel stations, and thunderstorms have been experienced at Jersey and Paris. Temperature has risen a little in the west and north, but fallen several degrees in the southeast; readings now range from 58° at Prawle Point to 50° in the Shetlands. The sea is rather rough at Yarmouth, slight or smooth elsewhere.

The depression over the north of France seems likely to occasion more rain at the English stations but with the present irregular distribution of pressure its future movements cannot be determined.

ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 10th, 11th and 12th inst between Long: 46° and 51° W., Lat: 47 to 44° N.

FORECASTS

for the 24 hours ending at NOON on 18th June 1885.

(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S.ly winds, light or moderate; changeable, some rain.	6 SCOTLAND WEST	Variable breezes, fair to cloudy and some rain.
1 SCOTLAND EAST	---------D°---------D°---------	7 ENGLAND N.W.	---------D°---------D°---------
2 ENGLAND N.E.	Variable or E.ly breezes; cloudy, some rain.	8 ENGLAND S.W	N.ly winds, moderate; changeable, some showers
3 ENGLAND EAST	Same as N° 5.	9 IRELAND NORTH	Same as N.os 6 and 7.
4 MIDLAND COUNTIES	Same as N° 5.	10 IRELAND SOUTH	Same as N° 8.
5 ENGLAND SOUTH	E.ly and NE.ly winds, moderate or fresh; cloudy unsettled, some rain.	WARNINGS	None Issued.

Fredk Dangerfield, Lith. London, (13.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·02	51	45	NW	6	c	4	Holyhead	30·00	53	51	NNW	2	c	2
Sumburgh Head	30·04	53	46	W	3	bc	3	Valencia	30·02	62	58	W	2	bc	3
Stornoway	30·02	52	49	SSE	2	og	1	Scilly	29·93	58	56	ENE	3	c	3
Aberdeen	30·07	54	49	SE	2	o	1	Dungeness	29·97	61	58	E	6	bc	5
Shields	30·02	59	53	S	3	o	2	London	29·99	62	54	ESE	3	bc	*
Ardrossan	29·98	58	52	WSW	1	o	1	Yarmouth	30·06	58	54	E	4	b	4
Malin Head	29·99	55	51	N	2	b	2	Jersey	29·84	70	65	ENE	2	bc	2
Mullaghmore	30·02	57	52	NW	4	b	2	Rochefort	29·86	73	68	NW	1	o	2
Belmullet	30·01	55	49	SE	1	o	*								

REMARKS.

The barometer continues to fall slowly, but no important change has occurred in the winds or weather, excepting in the west of Ireland, where westerly breezes have set in.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Thursday 18th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London; R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.88	49	NE	2	bc	29.93	+.18	49	42	-2	SE	2	0	*	?	45	-
Hernösand	29.90	48	E	0	bc	29.88	+.08	51	46	-4	SSW	2	bc	*	63	45	-
Stockholm	29.92	52	E	0	b	29.91	+.10	61	53	+6	SW	2	b	*	63	46	-
Wisby	29.86	52	SE	4	b	29.86	+.04	60	52	+11	S	4	c	*	63	48	-
Bodö	29.96	46	W	2	c	29.93	+.03	48	40	+1	WSW	2	c	1	50	41	-
Christiansund	29.87	48	NNE	1	b	29.85	-.14	53	46	+7	ESE	3	b	2	54	41	-
‡Skudesnaes	29.94	48	WNW	2	bc	29.87	-.13	50	46	+2	WNW	2	c	3	54	48	-
Oxö (Ytterstand)	29.91	55	SW	2	b	29.89	-.07	49	46	0	NNW	2	b	2	59	43	-
Skagen (The Skaw)	29.90	56	E	0	b	29.88	-.05	56	51	+2	NE	2	bc	0	66	50	-
Fanö	29.90	50	NNW	4	c	29.83	-.16	57	52	+2	E	0	bc	*	59	41	-
Cuxhaven	29.91	52	NE	6	n	29.83	-.20	51	50	-2	NE	5	0	*	59	49	0.08
‡Sumburgh Head	29.80	47	SSE	5	n	29.72	-.24	49	48	-1	SW	3	0	4	53	45	0.05
‡Stornoway	29.81	49	SSE	4	op	29.70	-.14	50	48	-2	S	4	op	3	53	45	0.13
Wick	29.80	52	S	2	c	29.74	-.12	54	51	0	S	2	bc	1	58	45	-
Nairn	29.81	57	NSW	1	b	29.76	-.13	53	49	+1	NSW	1	b	1	61	48	-
‡Aberdeen	29.83	56	S	5	ogu	29.78	-.11	56	51	+2	S	2	c	2	61	49	-
Leith	29.85	60	W	1	o	29.83	-.08	58	49	0	W	2	0	*	63	49	-
‡Shields	29.88	54	E	4	b	29.87	-.07	55	50	0	NSW	3	0	2	60	44	0.02
Spurn Head	29.93	52	ENE	3	b	29.92	-.02	56	53	+4	SW	3	b	3	56	44	0.01
York	29.93	57	ESE	1	c	29.91	-.06	58	54	+4	W	1	c	*	64	45	-
Loughborough	29.92	62	NE	3	b	29.95	+.02	57	54	+3	W	2	cmw	*	65	42	-
‡Ardrossan	29.88	55	W	3	o	29.83	-.08	51	50	-5	S	3	o	2	60	49	0.03
Malin Head	29.93	53	W	3	bc	29.91	-.18	52	51	-3	S	7	o	5	57	49	0.06
‡Mullaghmore	29.94	54	WNW	5	o	29.76	-.17	55	53	0	SSW	6	o	5	58	52	0.01
‡Belmullet	29.94	53	SW	3	o	29.71	-.28	57	56	+4	SW	4	o	*	57	53	0.02
Donaghadee	29.92	54	N	3	bc	29.86	-.08	54	53	+1	W	3	c	1	59	48	0.01
Barrow-in-Furness	29.89	60	SW	2	bc	29.91	-.02	54	52	0	WNW	3	c	*	63	52	-
Liverpool (Bidston)	29.90	63	SSE	1	c	29.93	+.01	57	51	+3	W	1	bc	2	65	52	-
‡Holyhead	29.92	59	NNW	2	bc	29.94	+.03	56	52	0	SW	3	bc	2	60	50	-
Parsonstown	29.99	58	SW	2	o	29.89	-.07	54	52	-1	S	1	d	*	63	49	-
‡Valencia	30.04	57	NW	2	c	29.86	-.14	57	56	+1	SW	6	om	5	60	49	0.06
Roche's Point	29.99	60	NW	3	bc	29.96	-.01	56	54	0	SW	4	m	4	65	48	-
Pembroke	29.95	56	NW	3	b	29.99	+.09	54	51	+3	WNW	3	bc	1	59	51	-
‡Scilly	30.02	58	NW	3	b	30.08	+.16	56	54	+1	W	2	o	3	59	52	-
Prawle Point	29.94	56	E	0	b	30.05	+.10	55	53	-3	NSW	2	b	1	62	49	-
Hurst Castle	29.90	62	NNE	3	bc	30.01	-.19	57	55	+4	NW	3	b	2	62	49	0.11
‡Dungeness	29.84	54	ENE	4	c	29.97	+.20	51	49	-3	N	2	b	1	61	44	0.02
‡London	29.90	59	NE	3	c	29.96	+.14	56	52	+2	E	0	bc	*	61	42	-
Oxford	29.92	57	NE	1	b	29.98	+.10	55	53	+4	NSW	1	c	*	61	46	-
Cambridge	29.90	56	NNE	1	c	29.97	+.09	56	54	+3	S	1	o	*	61	38	-
‡Yarmouth	29.89	53	NE	1	c	29.96	+.05	55	51	+2	W	1	b	4	55	49	0.07
The Helder	29.82	55	NE	4	bc	29.90	-.01	55	52	+2	N	1	bc	2	57	52	0.08
Cape Gris Nez																	
‡Jersey	29.90	55	N	3	qm	30.04	+.26	56	54	+1	WNW	2	bm	2	58	51	0.01
Brest	29.97	56	N	4	o	30.09	+.25	55	52	0	NNW	3	b	2	73	52	-
Lorient	29.92	60	N	7	o	30.08	+.29	55	52	-7	N	3	b	2	77	50	-
‡Rochefort	29.91	60	W	4	m	30.09	+.27	61	58	-1	NNW	5	m	2	72	54	-
Biarritz	29.96	64	W	7	o	30.04	+.18	63	59	+2	N	4	o	2	64	59	0.08
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29.92	+.15	58	54	?	NNW	3	o	*	59	54	0.08
Charleville	?29.96	65	E	4	n	?29.89	+.13	56	53	-9	NW	4	n	*	68	54	0.67
Paris	29.77	64	W	4	c	30.04	+.29	57	54	-11	NNW	4	o	*	*	*	1.06
Lyons	29.82	70	SSW	4	c	29.98	+.14	61	59	-5	NW	3	n	*	81	59	0.04
Toulon	29.83	69	SW	1	c	29.92	+.07	66	63	+5	E	1	m	2	75	59	0.24

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred. Hampfield, Ink, London

WEATHER CHARTS

for 8 a.m. on Thursday, 18th June. 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

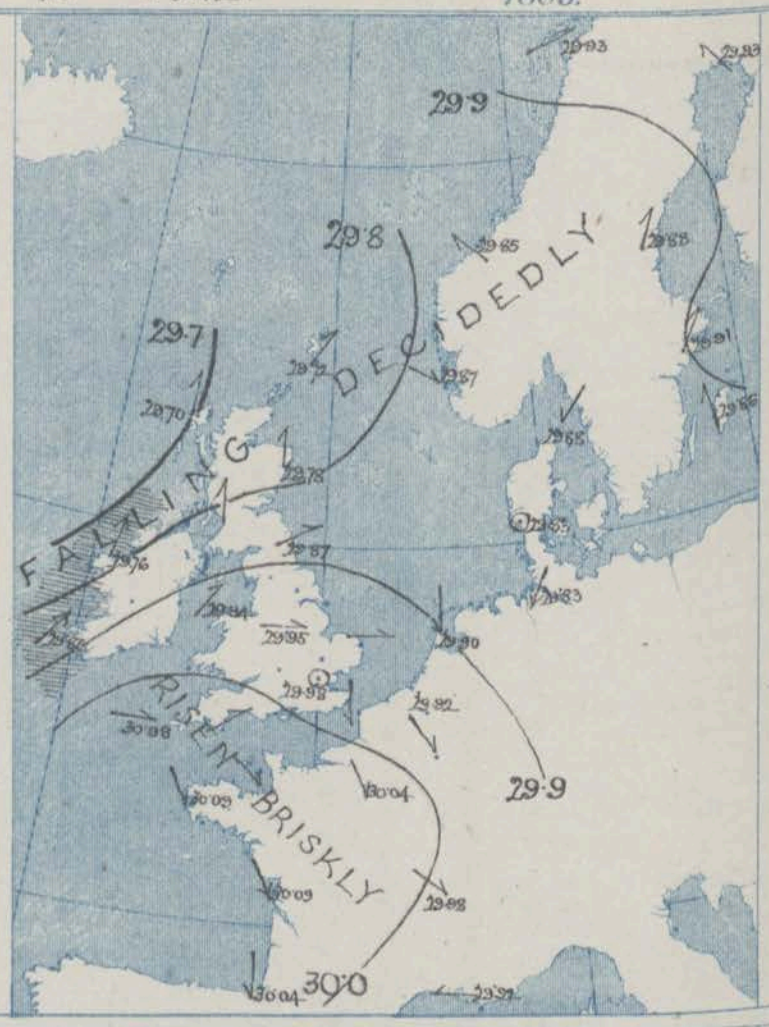
Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

» ⟶ = forces above 10, ⟶ = forces 8 to 10,
⟶ = forces 5 to 7, ⟶ = forces 1 to 4,
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*

= Rough. = High.



MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956

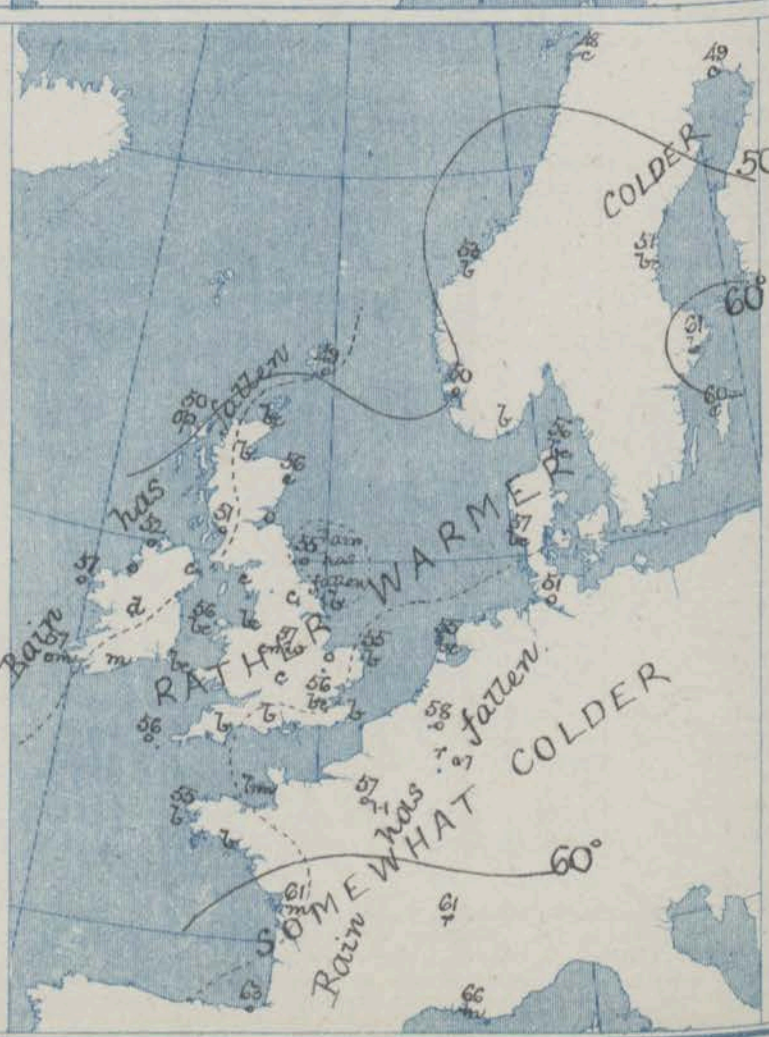
TEMPERATURE, & WEATHER at 8 A.M.,

with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*



MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	Wet.	RAINFALL (Inches).
Sumburgh Head	54·9	45·5	50·7	49·1	2·04
Stornoway	58·3	46·4	54·2	51·7	3·03
Wick	59·2	46·0	53·3	50·7	1·59
Nairn	62·7	48·4	54·8	50·8	2·00
Aberdeen	61·5	48·2	54·8	51·1	1·87
Leith	65·2	48·4	56·4	53·1	1·96
Shields	61·2	50·1	55·2	51·9	1·76
York	66·5	48·6	56·6	53·2	2·47
Ardrossan	63·1	50·6	55·6	52·1	2·77
Donaghadee	61·4	49·4	55·4	53·3	2·12
Holyhead	62·5	52·1	55·7	53·3	1·98
Liverpool	64·2	51·2	56·9	53·0	1·87
Valencia	62·0	51·3	56·9	53·9	3·52
Roche's Point	66·1	51·5	56·8	53·6	3·36
Pembroke	61·2	51·8	55·4	53·2	2·07
Scilly	61·5	53·4	57·2	55·2	1·89
Hurst Castle	64·1	52·7	58·1	55·9	1·98
Dover	63·8	53·5	59·1	55·5	1·76
LONDON	70·0	50·7	59·5	55·3	2·24
Oxford	67·8	49·1	57·2	53·9	2·22
Cambridge	69·4	49·0	58·1	54·9	2·30
Yarmouth	62·6	51·7	57·2	54·4	2·12

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.

REMARKS.

for Thursday 18th JUNE 1885, at 8 a.m.

The depression which lay to the southward of our Islands yesterday has moved away in an easterly direction, the barometer has risen briskly in its rear, and a large area of high pressure has been formed over the Channel and France. At our western and northern stations, however, the barometer has continued to fall, and an extensive but somewhat shallow depression is now lying off the west of Scotland. Strong SW. breezes prevail in the west of Ireland, and light S. breezes in Scotland, but over England the wind is light from the W.nd, while in France it draws into NW. or N. The weather is dull in Ireland and the west of Scotland, with mist in several places, showers at Stornoway, and drizzling rain at Valentia; elsewhere, however, the weather is fine. In the course of the past twenty four hours heavy rain has fallen in France (the largest amounts being 1·1 ins: at Paris, and 0·7 in: at Charleville) and smaller quantities in many parts of our Islands. Temperature has risen a few degrees over England, and readings now range from 58° at York to 44° in the Shetlands. The sea is rather rough off the west and north of Ireland, but moderate to smooth elsewhere.

The depression off the west of Scotland will probably move north-eastwards, and the weather over England is likely to remain fair for a time.

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 13th Inst: between Long: 48° and 49° W.

FORECASTS

for the 24 hours ending at NOON on 19th June 1885.

(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S. and SW. winds, freshening; cloudy, some rain.	6 SCOTLAND WEST	Same as No 0
1 SCOTLAND EAST	SW. winds, moderate; fair to cloudy and unsettled.	7 ENGLAND N.W.	Same as No 1
2 ENGLAND N.E.	Same as No 5.	8 ENGLAND S.W	Same as No 5.
3 ENGLAND EAST	Same as No 5.	9 IRELAND NORTH	SW. winds, strong; cloudy, unsettled, some rain.
4 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	------ D° ------ D° ------ D° ------
5 ENGLAND SOUTH	W. to SW. winds, moderate; fair, warmer.	WARNINGS	None Issued.

Fredk Daugerfield, Lith. London, (131)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.97	53	45	WNW	4	bc	2	Holyhead	29.92	58	56	WNW	3	bcm	2
Sumburgh Head	29.89	49	46	SSE	5	o	4	Valencia	30.02	58	55	NNW	3	c	3
Stornoway	29.82	50	49	SSW	5	r	4	Scilly	29.99	59	55	NNW	4	b	4
Aberdeen	29.85	59	54	SSE	5	b	2	Dungeness	29.80	56	54	E	4	c	4
Shields	29.91	59	54	S	3	bc	2	London	29.88	59	54	NNE	3	o	*
Ardrossan	29.88	60	57	W	1	o	0	Yarmouth	29.88	54	51	ENE	5	c	5
Malin Head	29.92	56	52	W	3	bc	3	Jersey	29.86	55	54	NNE	3	m	3
Mullaghmore	29.94	57	51	WNW	5	c	3	Rochefort	29.89	65	62	WSW	5	o	2
Belmullet	29.93	56	51	SW	3	c	*								

REMARKS.

The barometer continues to fall on our north and east coasts, but is rising in the west and south. No important change has taken place in the wind, but the rain over England has ceased and the sky there is inclined to clear. The sea is rather rough at Yarmouth, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Friday 19th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force (0 to 12)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.80	45	Z	0	0	29.70	-.23	49	45	0	SE	2	b	•	54	43	-
Hernösand	29.82	50	Z	0	b	29.74	-.14	51	45	0	SW	2	b	•	61	45	-
Stockholm	29.84	52	Z	0	c	29.78	-.13	62	54	+1	S	2	b	•	66	48	-
Wisby	29.83	53	E	4	c	29.79	-.07	54	48	-6	NE	4	b	•	64	48	-
Bodö	29.84	48	WNW	1	c	29.67	-.26	49	47	+1	SE	1	bc	1	50	45	-
Christiansund	29.75	51	WNW	1	0	29.47	-.38	53	48	0	ENE	2	0	2	55	46	-
‡Skudesnaes	29.76	50	SSW	4	0	29.43	-.44	50	49	0	SSE	6	n	4	54	50	0.28
Oxö (Ytfansand)	29.81	53	SW	4	b	29.69	-.22	50	49	+1	SSE	6	n	3	66	?	-
Skagen (The Skaw)	29.82	59	SSW	3	b	29.75	-.13	55	51	-1	SSW	4	0	3	66	50	-
Fanö	29.84	45	Z	0	b	29.76	-.07	57	54	0	S	6	c	•	64	43	-
Cuxhaven	29.90	52	NNW	3	bc	29.89	+.06	58	56	+7	SSW	3	b	•	58	?	-
‡Sumburgh Head	29.60	49	SSE	3	n	29.29	-.43	49	47	0	WNW	5	c	5	54	46	0.43
‡Stornoway	29.35	55	SSW	5	d	29.50	-.20	49	46	-1	W	3	og	2	53	46	0.58
Wick	29.44	51	S	3	n	29.46	-.28	52	48	-2	NW	6	o	3	58	47	0.24
Nairn	29.43	53	SW	2	c	29.52	-.24	53	49	0	WNW	3	c	2	60	51	0.19
‡Aberdeen	29.56	51	S	4	n	29.51	-.27	55	51	-1	WNW	2	0	2	61	49	0.39
Leith	29.56	55	WSW	5	n	29.57	-.26	54	51	+1	W	2	0	•	60	52	0.06
‡Shields	29.70	56	SW	4	n	29.61	-.26	58	54	+3	SW	5	0	2	63	53	0.06
Spurn Head	29.79	66	SW	3	bc	29.70	-.22	60	58	+4	WSW	4	bc	2	67	56	0.01
York	29.77	65	SW	3	c	? 29.68	-.23	58	54	0	W	3	o	•	67	56	-
Loughborough	29.85	66	SW	6	b	29.76	-.19	61	58	+4	W	4	0	•	69	55	-
‡Ardrossan	29.57	64	SW	5	n	29.61	-.22	54	52	+3	W	3	0	2	54	49	0.18
Malin Head	29.52	53	W	7	d	29.60	-.11	51	50	-1	W	3	c	3	57	49	0.09
‡Mullaghmore	29.65	55	WSW	6	od	29.65	-.11	53	52	-2	SW	3	om	2	59	52	0.25
‡Belmullet	29.64	55	SW	4	0	29.61	-.10	53	52	-4	SW	3	0	•	?57	51	0.13
Donaghadee	29.64	60	W	5	n	29.67	-.19	56	55	+2	W	2	c	0	60	52	0.07
Barrow-in-Furness	29.72	54	SSW	5	n	29.67	-.24	54	53	0	SW	6	0	*	59	53	0.19
Liverpool (Bidston)	29.79	57	SSW	3	0	29.73	-.20	54	52	-3	W	4	0	4	65	53	0.07
‡Holyhead	29.77	53	SSW	5	n	29.75	-.19	54	52	-2	WSW	3	c	2	58	52	0.34
Parsonstown	29.75	58	SW	2	n	29.75	-.14	56	55	+2	SW	1	og	*	61	51	0.19
‡Valencia	29.85	57	WSW	4	om	29.78	-.08	57	55	0	WSW	5	0	5	59	54	0.16
Roche's Point	29.87	58	WSW	4	c	29.80	-.16	59	57	+3	WSW	4	0	4	63	54	-
Pembroke	29.87	54	SSW	6	f	29.81	-.18	54	54	0	WSW	5	df	4	58	53	0.04
‡Scilly	30.01	57	SW	5	om	29.95	-.13	57	56	+1	WSW	4	f	4	63	54	0.03
Prawle Point	30.01	55	WSW	4	b	29.92	-.13	55	55	0	WSW	4	fd	4	60	52	0.08
Hurst Castle	30.00	58	WSW	6	b	29.88	-.13	57	57	0	WSW	7	om	4	63	54	0.03
‡Dungeness	29.98	59	WSW	4	bc	29.88	-.09	55	55	+4	W	5	0	3	61	?51	0.01
‡London	29.92	65	SW	3	b	29.85	-.13	59	57	+3	SW	2	0	•	71	53	0.03
Oxford	29.90	58	W	3	b	29.82	-.16	59	57	+4	SW	3	o	*	68	55	0.02
Cambridge	29.86	67	SW	1	b	29.78	-.19	63	60	+7	SW	1	c	*	71	52	-
‡Yarmouth	29.88	62	SSW	4	bc	29.79	-.17	59	57	+4	WSW	4	c	3	63	54	0.03
The Helder	29.92	56	SW	1	bc	29.80	-.10	58	56	+3	SW	5	0	3	63	48	-
Cape Gris Nez	29.93	59	SW	4	b	29.88	-	57	54	-	SW	8	n	6	63	54	-
‡Jersey	30.05	57	W	3	b	29.95	-.06	57	57	+1	WSW	3	og	3	60	52	0.01
Brest	30.09	59	WNW	3	b	30.02	-.07	55	55	0	W	4	m	4	63	54	-
Lorient	30.07	61	NW	7	b	30.04	-.04	60	59	+5	W	5	m	2	79	51	-
‡Rochefort	30.12	64	WNW	5	m	30.15	+.06	60	56	-1	WNW	4	0	3	72	52	-
Biarritz	30.07	64	N	5	b	30.10	+.06	63	60	0	N	5	c	2	66	61	-
§Coruna	*	*	*	*	*	? 30.26	+.07	63	60	+1	NNE	5	b	1	64	52	-
Brussels	*	*	*	*	*	29.91	-.01	57	55	-1	SW	4	bc	*	67	50	-
Charleville	?30.00	63	W	4	b	? 30.01	+.12	55	53	-1	W	1	b	*	63	?	-
Paris	30.02	67	N	3	b	30.04	.00	62	59	+5	SW	1	b	*	*	*	-
Lyons	29.94	69	N	4	c	30.03	+.05	57	54	-4	N	4	c	*	74	53	0.04
Toulon	29.89	71	SW	1	m	29.91	-.01	70	67	+4	Z	0	m	2	81	64	-

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

§ Received too late for insertion in charts

Fred. Hangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Friday 19th June. 1885.

BAROMETER, WIND & SEA.

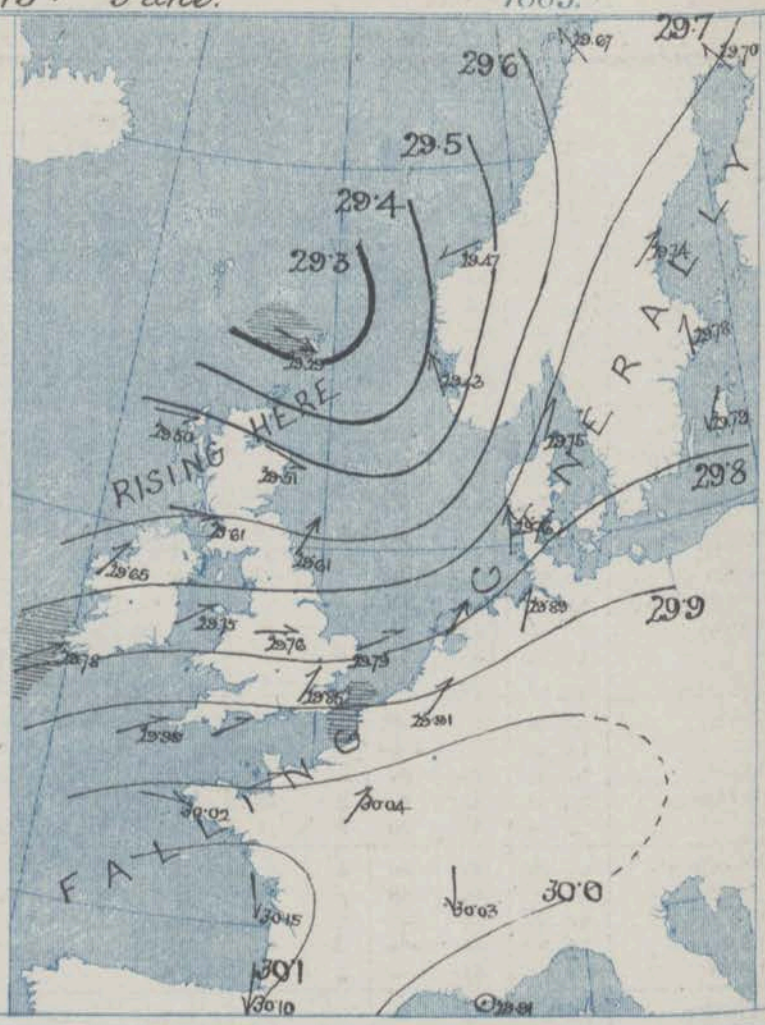
(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevailing winds. They fly with the wind and their barbs and feathers refer to force, thus —*

» ⟶ = forces above 10, ⟶ = forces 8 to 10,
⟶ = forces 5 to 7, ⟶ = forces 1 to 4,
⊙ = dead calm.

Sea Disturbance — *where considerable, is shown thus*
= Rough. = High.



MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June. During the 10 Years 1871—1880.

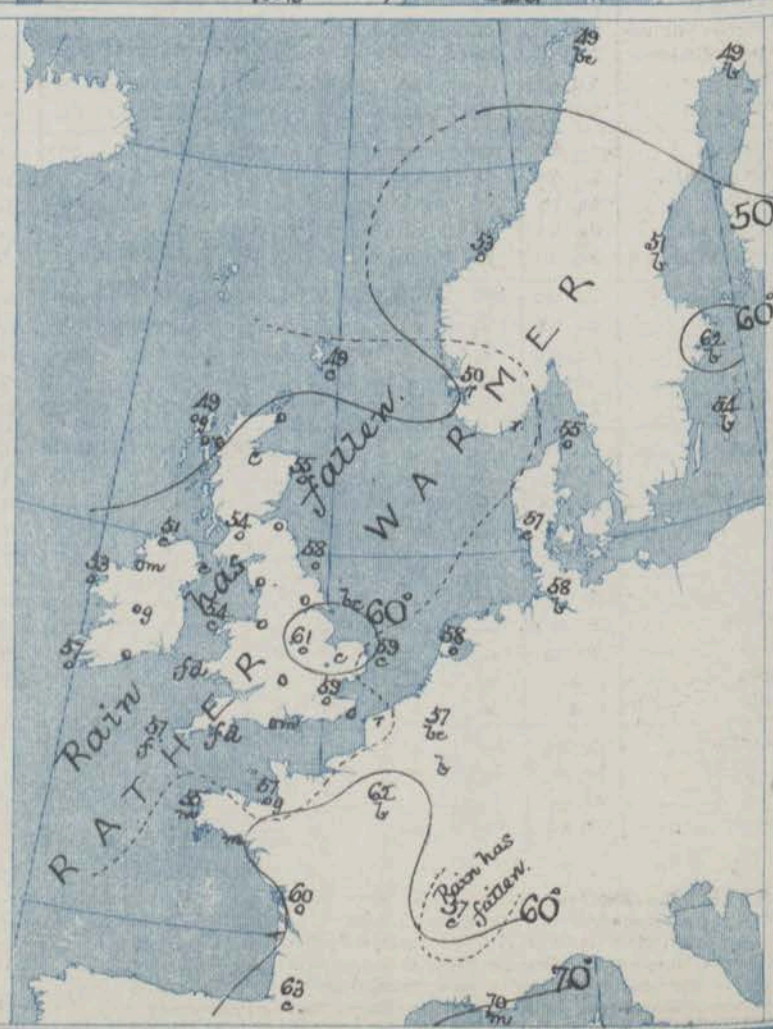
STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956

TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*



MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	Wet	RAINFALL (Inches).
Sumburgh Head	54 · 9	45 · 5	50 · 7	49 · 1	2 · 04
Stornoway	58 · 3	46 · 4	54 · 2	51 · 7	3 · 03
Wick	59 · 2	46 · 0	53 · 3	50 · 7	1 · 59
Nairn	62 · 7	48 · 4	54 · 8	50 · 8	2 · 00
Aberdeen	61 · 5	48 · 2	54 · 8	51 · 1	1 · 87
Leith	65 · 2	48 · 4	56 · 4	53 · 1	1 · 96
Shields	61 · 2	50 · 1	55 · 2	51 · 9	1 · 76
York	66 · 5	48 · 6	56 · 6	53 · 2	2 · 47
Ardrossan	63 · 1	50 · 6	55 · 6	52 · 1	2 · 77
Donaghadee	61 · 4	49 · 4	55 · 4	53 · 3	2 · 12
Holyhead	62 · 5	52 · 1	55 · 7	53 · 3	1 · 98
Liverpool	64 · 2	51 · 2	56 · 9	53 · 0	1 · 87
Valencia	62 · 0	51 · 3	56 · 9	53 · 9	3 · 52
Roche's Point	66 · 1	51 · 5	56 · 8	53 · 6	3 · 36
Pembroke	61 · 2	51 · 8	55 · 4	53 · 2	2 · 07
Scilly	61 · 5	53 · 4	57 · 2	55 · 2	1 · 89
Hurst Castle	64 · 1	52 · 7	58 · 1	55 · 9	1 · 98
Dover	63 · 8	53 · 5	59 · 1	55 · 5	1 · 76
LONDON	70 · 0	50 · 7	59 · 5	55 · 3	2 · 24
Oxford	67 · 8	49 · 1	57 · 2	53 · 9	2 · 22
Cambridge	69 · 4	49 · 0	58 · 1	54 · 9	2 · 30
Yarmouth	62 · 6	51 · 7	57 · 2	54 · 4	2 · 12

NOTE – *The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.*

REMARKS.

for Friday 19th June 1885, at 8 a.m.

The large depression which lay off our extreme north-west coast yesterday has moved north-eastwards and is now found between the Shetlands and the Norwegian coast. An increase of pressure has therefore set in over Scotland and the north of Ireland, but elsewhere the barometer is falling slowly. The wind is fresh from NW. in the north and east of Scotland, and strong from SE. or S. on the eastern shores of the North Sea, but over England and Ireland it is chiefly SW. The weather is fine in Sweden and the eastern parts of England and France, but cloudy or overcast elsewhere, with rain in the south of Norway, and fog in the south-west of England. In the course of the past twenty-four hours rain has fallen in almost all parts of the United Kingdom. Temperature has risen slightly and readings now range from 63° at Cambridge to 49° in the Shetlands. The highest maxima registered yesterday were 71° in London and at Cambridge and 69° at Loughborough. The sea is rather rough at Sumburgh Head and Valencia, moderate to smooth elsewhere. The depression in the north will probably continue to travel away NE. but other disturbances may possibly appear in the W. shortly.

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 13th and 14th Inst between Long: 47° and 53° W.

FORECASTS

for the 24 hours ending at NOON on 20th June 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NW. to W. winds, moderate; fair generally.	6 SCOTLAND WEST	W. and SW. winds, moderate; fair to unsettled and some rain.
1 SCOTLAND EAST	------ D° ------ D° ------ D° ------	7 ENGLAND N.W.	------ D° ------ D° ------ D° ------
2 ENGLAND N.E.	Same as No 5.	8 ENGLAND S.W	W. and SW. winds, fresh; fog and rain locally.
3 ENGLAND EAST	Same as No 5.	9 IRELAND NORTH	SW. winds, moderate to strong; cloudy, some rain.
4 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	------ D° ------ D° ------ D° ------
5 ENGLAND SOUTH	SW. and W. winds, moderate or fresh; cloudy, perhaps some rain.	WARNINGS	None issued

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.83	53	49	SSW	1	o	3	Holyhead	29.86	56	54	SSW	6	c	4
Sumburgh Head	29.66	52	49	SW	3	c	3	Valencia	29.84	58	58	SW	6	omg	6
Stornoway	29.51	50	49	SE	5	r	5	Scilly	30.06	63	58	WSW	4	bc	4
Aberdeen	29.69	59	53	S	4	og	2	Dungeness	30.01	60	58	WSW	4	b	2
Shields	29.79	62	54	SW	4	c	2	London	29.95	70	59	SW	2	bc	*
Ardrossan	29.68	52	51	SW	4	r	3	Yarmouth	29.93	59	56	SSE	4	c	4
Malin Head	29.54	55	55	WSW	7	d	6	Jersey	30.07	59	56	WNW	3	b	3
Mullaghmore	29.66	57	56	WSW	5	or	4	Rochefort	30.13	68	61	NNW	5	m	2
Belmullet	29.65	56	55	SW	4	o	*								

REMARKS.

The barometer is now falling generally – most in the north – and Southwesterly winds have extended to our southern stations. Dull weather is reported in Ireland and Scotland and rain is falling at Stornoway and Mullaghmore. The sea is rough at Valencia and Stornoway, moderate to smooth elsewhere

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Saturday 20th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.58	48	SE	2	c	29.40	− .30	48	47	− 1	S	4	r	*	54	41	0.28
Hernösand	29.49	50	SW	2	r	29.30	− .44	49	49	− 2	S	2	r	*	55	37	0.39
Stockholm	29.61	56	S	4	o	29.47	− .31	58	54	− 4	SSW	4	o	*	72	45	—
Wisby	29.76	52	SW	6	c	29.58	− .21	56	54	+ 2	SW	6	o	*	?	48	0.04
Bodö	29.29	53	NE	?	b	29.20	− .47	48	47	− 1	WSW	?	r	1	54	46	0.04
Christiansund	29.25	51	Z	0	c	29.24	− .23	50	46	− 3	SW	2	o	3	54	48	0.16
‡Skudesnaes	29.47	50	Z	0	o	29.21	− .22	49	47	− 1	E	4	r	3	54	?	—
Oxö (Christiansand)	29.50	52	SW	6	m	29.30	− .37	49	48	− 1	NE	4	r	2	54	48	0.95
Skagen (The Skaw)	29.53	55	WSW	4	r	29.33	− .42	55	55	0	S	4	r	3	57	52	0.24
Fanö	29.61	55	SW	6	o	29.39	− .37	56	56	− 1	SW	6	o	*	57	55	0.16
Cuxhaven	29.79	53	WSW	3	r	29.37	− .32	62	62	+ 4	SW	4	bc	*	68	52	0.81
‡Sumburgh Head	29.35	49	WSW	4	o	29.10	− .19	47	46	− 2	NE	4	o	4	52	44	0.01
‡Stornoway	29.26	49	SSE	5	r	29.12	− .38	53	52	+ 4	WNW	:	cp	2	53	46	0.26
Wick	29.36	48	S	3	r	29.12	− .34	54	52	+ 2	NW	2	bc	2	55	45	0.26
Nairn	29.36	53	Z	0	r	29.13	− .39	54	51	+ 1	W	2	c	1	55	48	0.19
‡Aberdeen	29.40	54	Z	0	r	29.13	− .38	56	51	+ 1	WNW	2	c	1	64	49	0.32
Leith	29.42	57	WSW	1	o	29.22	− .35	55	50	+ 1	WNW	4	bc	*	60	49	0.05
‡Shields	29.46	58	S	3	o	29.27	− .34	55	51	− 3	WSW	4	cp	2	60	50	—
Spurn Head	29.58	62	WSW	4	c	29.35	− .35	57	54	− 3	WSW	6	bcpq	2	66	54	0.05
York	29.57	58	W	1	o	29.38	− .30	54	51	− 4	WSW	3	o	*	63	52	0.14
Loughborough	29.64	62	SW	5	s	29.45	− .31	57	52	− 4	W	6	bcq	*	68	55	—
‡Ardrossan	29.38	53	SSW	3	r	29.26	− .35	50	49	− 4	NW	3	r	2	54	48	0.16
Malin Head	29.32	53	SW	6	r	29.23	− .37	52	50	+ 1	WNW	6	r	5	55	47	0.08
‡Mullaghmore	29.41	55	SW	5	ogr	29.38	− .27	53	50	0	WNW	6	oqp	6	57	50	0.17
‡Belmullet	29.41	54	W	4	o	29.44	− .17	52	52	− 1	SW	5	c	*	55	50	0.25
Donaghadee	29.44	58	W	5	o	29.33	− .34	53	52	− 3	WNW	3	bc	1	60	48	0.03
Barrow-in-Furness	29.51	56	SSW	4	o	29.35	− .32	51	50	− 3	SW	6	o	*	56	51	0.04
Liverpool (Bidston)	29.55	59	SW	5	o	29.39	− .34	52	48	− 2	WSW	6	o	5	60	51	—
‡Holyhead	29.55	54	SW	6	c	29.42	− .33	51	50	− 3	SW	5	r	4	58	50	0.02
Parsonstown	29.55	56	WSW	2	r	29.48	− .27	54	51	− 2	SW	2	c	*	60	49	0.09
‡Valencia	29.63	55	WSW	6	odn	29.66	− .12	55	53	− 2	WNW	6	oq	6	59	49	0.19
Roche's Point	29.67	58	WSW	5	c	29.56	− .24	55	51	− 4	W	5	o	4	63	50	—
Pembroke	29.67	54	SSW	6	c	29.54	− .27	50	50	− 1	W	7	cv	4	55	51	0.07
‡Scilly	29.83	58	SW	5	f	29.75	− .20	55	51	− 2	WNW	7	oq	6	61	53	0.02
Prawle Point	29.83	56	WSW	4	f	29.67	− .25	54	52	− 1	W	6	o	6	56	51	0.26
Hurst Castle	29.80	57	WSW	7	m	29.61	− .27	57	55	0	WSW	7	c	4	60	54	0.07
‡Dungeness	29.82	56	W	5	m	29.58	− .30	59	56	+ 2	W	5	o	4	61	52	0.07
‡London	29.74	63	SW	3	o	29.54	− .31	58	52	− 1	SW	4	c	*	67	56	0.03
Oxford	29.68	61	SW	4	o	29.53	− .29	55	51	− 4	SW	5	o	*	67	55	0.08
Cambridge	29.65	61	SW	1	r	29.48	− .30	57	53	− 6	W	1	o	*	69	56	0.13
‡Yarmouth	29.70	67	WSW	5	cq	29.44	− .35	62	57	+ 3	WSW	5	cq	4	69	57	0.01
The Helder	29.69	63	SW	4	o	29.47	− .33	57	56	− 1	SW	5	r	3	63	57	0.04
Cape Gris Nez	29.82	54	SW	8	f	29.58	− .30	57	57	0	SW	8	r	6	59	54	0.08
‡Jersey	29.91	59	W	5	og	29.74	− .24	57	56	0	W	6	cmp	5	62	55	0.09
Brest	29.96	58	WSW	5	m	29.83	− .19	57	56	− 2	W	5	m	4	63	54	0.08
Lorient	30.01	62	W	5	m	29.89	− .15	59	59	− 1	W	7	m	4	57	55	0.05
‡Rochefort	30.13	64	WNW	5	o	30.05	− .10	63	60	+ 3	WSW	7	o	2	72	65	0.03
Biarritz	30.12	64	N	1	b	30.10	.00	61	55	− 2	SSW	4	c	2	68	57	—
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29.64	− .27	60	59	+ 3	SSW	7	r	*	66	?	0.24
Charleville	?29.91	68	WSW	4	c	?29.78	− .23	60	55	+ 5	SSW	7	o	*	68	54	—
Paris	29.97	69	WSW	1	c	29.82	− .22	66	60	+ 4	SSW	1	o	*	*	*	0.04
Lyons	29.96	70	N	3	b	29.98	− .05	63	57	+ 6	E	1	bc	*	73	57	—
Toulon	29.89	70	NNW	3	m	29.86	− .05	61	55	− 9	NW	5	m	3	57	59	—

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred^k Hungerford Pith London

WEATHER CHARTS

for 8 a.m. on Saturday 20th June 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

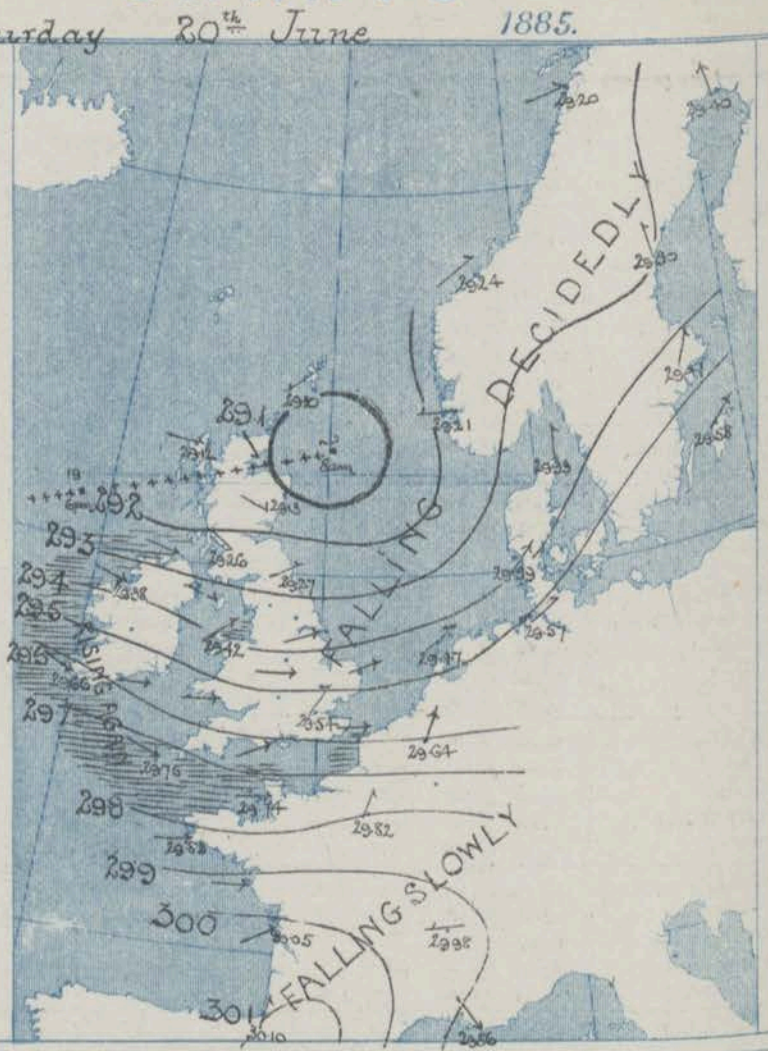
» ⟶ = forces above 10; ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

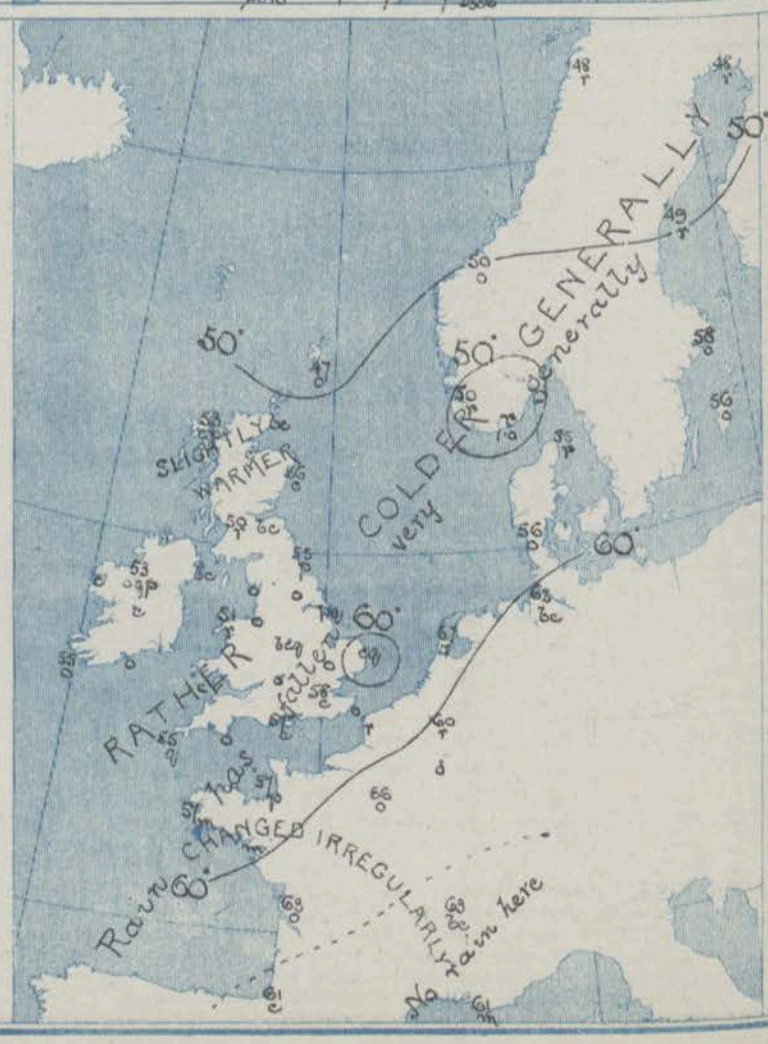
Rainfall *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry	Wet.	RAINFALL (Inches).
Sumburgh Head	54 · 9	45 · 5	50 · 7	49 · 1	2 · 04
Stornoway	58 · 3	46 · 4	54 · 2	51 · 7	3 · 03
Wick	59 · 2	46 · 0	53 · 3	50 · 7	1 · 59
Nairn	62 · 7	48 · 4	54 · 8	50 · 8	2 · 00
Aberdeen	61 · 5	48 · 2	54 · 8	51 · 1	1 · 87
Leith	65 · 2	48 · 4	56 · 4	53 · 1	1 · 96
Shields	61 · 2	50 · 1	55 · 2	51 · 9	1 · 76
York	66 · 5	48 · 6	56 · 6	53 · 2	2 · 47
Ardrossan	63 · 1	50 · 6	55 · 6	52 · 1	2 · 77
Donaghadee	61 · 4	49 · 4	55 · 4	53 · 3	2 · 12
Holyhead	62 · 5	52 · 1	55 · 7	53 · 3	1 · 98
Liverpool	64 · 2	51 · 2	56 · 9	53 · 0	1 · 87
Valencia	62 · 0	51 · 3	56 · 9	53 · 9	3 · 52
Roche's Point	66 · 1	51 · 5	56 · 8	53 · 6	3 · 36
Pembroke	61 · 2	51 · 8	55 · 4	53 · 2	2 · 07
Scilly	61 · 5	53 · 4	57 · 2	55 · 2	1 · 89
Hurst Castle	64 · 1	52 · 7	58 · 1	55 · 9	1 · 98
Dover	63 · 8	53 · 5	59 · 1	55 · 5	1 · 76
LONDON	70 · 0	50 · 7	59 · 5	55 · 3	2 · 24
Oxford	67 · 8	49 · 1	57 · 2	53 · 9	2 · 22
Cambridge	69 · 4	49 · 0	58 · 1	54 · 9	2 · 30
Yarmouth	62 · 6	51 · 7	57 · 2	54 · 4	2 · 12

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Saturday 20th June *1885, at 8 a.m.*

The depression which lay off the Shetlands yesterday has passed away to the north of Scandinavia but in the course of the night a new and deeper depression has travelled across the north of Scotland, occasioning a brisk and general fall of the barometer. At Valencia a slight recovery of pressure has set in since 10 pm. The wind is light from NW in Scotland, moderate from E in the south of Norway and S^ly in Sweden, but over England, Ireland and France it is strong from W or SW, with moderate gales at Pembroke, Scilly and Hurst Castle. The weather is fine in the east of Scotland, but cloudy and showery in all other localities. In the course of the past twentyfour hours rain has fallen generally, but at our eastern and southeastern stations the amount has been very slight. Temperature has fallen a little over the greater part of Ireland and England, and readings now range from 62° at Yarmouth to 47° in the Shetlands. The highest maxima registered yesterday were 69° at Cambridge and Yarmouth and 68° at Loughboro'. The sea is rough on several parts of our western and southern coasts, but moderate to smooth in the north and east.

The depression in the north will probably move away northeastwards, but conditions are still unsettled and showers are likely in most places.

FORECASTS

for the 24 hours ending at NOON on 21st June *1885.*

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Varying W^ly breezes, light or moderate; changeable, some showers.	6 SCOTLAND WEST	Same as N°s 0 and 1.
1 SCOTLAND EAST	..... D^o ..... D^o	7 ENGLAND N.W.	W^ly winds strong, a gale in exposed places; fair generally, but some showers.
2 ENGLAND N.E.	SW^ly and W^ly winds, fresh or strong; showery to fair.	8 ENGLAND S.W	..... D^o ..... D^o .....
3 ENGLAND EAST	..... D^o ..... D^o	9 IRELAND NORTH	..... D^o ..... D^o .....
4 MIDLAND COUNTIES	..... D^o ..... D^o	10 IRELAND SOUTH	..... D^o ..... D^o .....
5 ENGLAND SOUTH	W^ly winds strong, a gale on coast; fair generally, but some showers.	WARNINGS	The South Cone was hoisted last evening in districts N°s 5 and 7 to 10.

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.49	53	50	WSW	8	af	4	Holyhead	29.65	56	55	SSW	5	cm	4
Sumburgh Head	29.36	50	48	W	4	o	4	Valencia	29.72	59	56	WSW	5	omg	5
Stornoway	29.42	49	48	SSW	5	d	4	Scilly	29.90	60	59	WSW	4	f	5
Aberdeen	29.47	57	53	SE	2	c	2	Dungeness	29.89	57	57	W	4	o	4
Shields	29.58	58	54	SW	2	og	2	London	29.80	66	62	WSW	3	cp	*
Ardrossan	29.54	53	51	Z	0	o	0	Yarmouth	29.74	68	62	WSW	4	bc	3
Malin Head	? 29.49	53	53	SSW	6	r	4	Jersey	29.96	58	58	W	4	o	4
Mullaghmore	29.51	56	55	W	4	orm	3	Rochefort	30.15	69	60	WNW	5	bc	2
Belmullet	29.50	55	54	SW	4	r	*								

REMARKS.

The barometer is rising a little at Skudesnaes and Sumburgh Hd. but falling elsewhere – rather briskly on our north west coasts. The winds in the north are backing, and dull unsettled weather prevails in most places, with rain at Stornoway, Mullaghmore, and Belmullet, and fog at Scilly. The sea is rather rough at Valencia and Scilly, moderate to smooth elsewhere.

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DAILY WEATHER REPORT

for Sunday 21st June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.30	44	S	4	r	29.31	− .09	50	40	+ 2	SE	2	r	*	50	43	0.83
Hernösand ...	29.26	50	S	2	r	29.23	− .07	50	49	+ 1	SSW	2	o	*	57	45	0.35
Stockholm ...	29.32	57	SSW	2	o	29.30	− .17	61	58	+ 3	SSW	2	o	*	66	52	0.04
Wisby	29.45	59	S	6	r	29.38	− .20	56	54	0	SW	6	o	*	68	50	0.08
Bodö	29.25	48	E	0	c	29.23	+ .03	51	49	+ 3	ENE	4	b	2	?	45	—
Christiansund...	29.17	49	E	0	o	29.25	− .06	48	46	− 2	WNW	1	f	1	52	46	0.12
‡Skudesnaes ...	29.15	50	SSE	2	f	29.28	+ .07	49	46	0	WNW	4	o	4	51	?	—
Oxö (Ytlansand)	29.19	52	SSW	2	r	29.20	− .10	51	50	+ 2	WSW	4	o	3	52	?	0.28
Skagen (The Skaw)	29.22	55	WSW	2	o	29.26	− .07	54	52	− 1	WSW	4	o	3	57	50	0.35
Fanö	29.35	53	WSW	6	c	29.39	.00	55	50	− 1	W	6	c	*	61	52	0.08
Cuxhaven ...	29.47	54	W	4	r	29.50	− .07	57	57	− 5	WSW	4	bc	*	65	54	0.46
‡Sumburgh Head	29.21	50	N	4	o	29.37	+ .27	48	45	+ 1	W	4	o	4	51	44	0.03
‡Stornoway ...	29.44	50	NW	5	op	29.62	+ .54	46	44	− 7	WNW	6	rq	5	55	44	0.11
Wick	29.34	49	NNE	3	o	29.55	+ .43	49	47	− 5	NW	7	bhpw	2	55	44	0.06
Nairn	29.37	49	NW	6	p	29.62	+ .49	52	48	− 2	WNW	4	o	3	63	46	0.18
‡Aberdeen... ...	29.27	55	N	1	op	29.65	+ .50	54	48	− 2	NW	4	o	1	64	45	0.11
Leith ...	29.35	56	NNW	4	o	29.70	+ .48	55	48	0	WNW	7	bc	*	62	46	—
‡Shields	29.31	57	SW	5	c	29.72	+ .40	54	48	− 1	W	6	b	2	61	44	—
Spurn Head ...	29.46	58	W	4	bc	29.77	+ .42	54	50	− 3	NW	6	bc	2	60	50	0.04
York	29.42	56	W	4	c	29.81	+ .42	55	48	+ 1	W	4	c	*	62	45	0.02
Loughborough	29.48	59	WNW	8	c	29.89	+ .44	53	49	− 4	WNW	5	c	*	62	48	—
‡Ardrossan ...	29.45	52	WNW	8	c	29.88	+ .56	51	49	+ 1	WNW	4	r	3	56	45	0.06
Malin Head ...	29.60	51	NW	7	bc	29.92	+ .69	50	49	− 2	NW	6	r	7	56	46	0.02
‡Mullaghmore ...	29.74	53	NW	7	cq	30.00	+ .62	50	49	0	WNW	7	cq	6	56	48	0.06
‡Belmullet ...	29.70	53	WNW	4	b	30.03	+ .59	52	49	0	NW	5	c	8	55	48	0.04
Donaghadee ...	29.62	53	NNW	7	c	29.91	+ .58	54	50	+ 1	NNW	6	c	4	59	46	0.01
Barrow-in-Furness	29.59	53	NW	6	bc	29.87	+ .52	51	48	0	NW	6	c	*	57	49	0.05
Liverpool (Bidston)	29.58	52	WNW	6	o	29.91	+ .52	52	47	0	W	6	c	5	60	50	0.02
‡Holyhead ...	29.63	54	WNW	5	bc	30.02	+ .60	53	50	+ 2	WNW	4	c	4	60	48	0.02
Parsonstown ...	29.77	55	WNW	2	bc	30.09	+ .61	54	50	0	W	2	bc	*	58	46	0.06
‡Valencia	29.94	54	NW	5	cpq	30.19	+ .53	55	52	0	WNW	3	o	3	59	49	—
Roche's Point ..	29.85	56	NW	7	c	30.13	+ .57	53	49	− 2	NW	5	c	4	59	48	—
Pembroke ...	29.72	54	WNW	6	bc	30.07	+ .52	52	48	− 1	WNW	6	b	4	56	50	—
‡Scilly	29.88	56	WNW	7	o	30.19	+ .44	56	51	+ 1	NW	5	bc	5	58	52	0.02
Prawle Point ...	29.76	56	W	6	o	30.11	+ .44	54	51	0	NW	3	bc	3	58	47	0.05
Hurst Castle ...	29.67	56	W	7	c	30.01	+ .40	56	52	− 1	NW	6	b	4	60	47	0.06
‡Dungeness ...	29.88	58	W	7	cq	29.85	+ .30	55	51	− 2	NNW	6	b	4	61	49	0.02
‡London	29.87	61	W	4	b	29.95	+ .41	56	48	− 2	WNW	4	bc	*	64	47	0.04
Oxford	29.64	56	NW	5	c	29.95	+ .42	54	48	− 1	W	6	bcq	*	61	47	0.02
Cambridge ...	29.54	57	WSW	3	c	29.89	+ .41	54	49	− 3	WNW	5	c	*	64	47	0.09
‡Yarmouth ...	29.48	57	WSW	2	c	29.80	+ .26	54	53	− 8	NW	5	cq	4	65	49	0.11
The Helder ...	29.47	56	SW	4	o	29.61	+ .14	54	52	− 3	NW	5	r	2	61	52	0.16
Cape Gris Nez...																	
‡Jersey	29.81	55	W	7	c	30.10	+ .36	55	51	− 2	NW	6	bm	5	58	51	—
Brest	29.94	57	NW	5	o	30.17	+ .34	54	50	− 3	NNW	5	bc	4	59	52	—
Lorient	29.93	61	NW	8	c	30.17	+ .25	54	50	− 5	NW	7	b	3	63	48	—
‡Rochefort ...	30.03	62	W	8	o	30.20	+ .15	59	53	− 4	NW	7	o	2	68	54	0.20
Biarritz	30.12	67	W	4	c	30.24	+ .14	65	55	+ 4	NNW	5	bc	2	72	59	—
Corunna	*	*	*	*	*	30.36	+ .13	63	60	− 1	NE	5	b	5	72	52	—
Brussels	*	*	*	*	*	29.81	+ .17	58	49	− 8	W	7	*	*	65	50	0.25
Charleville ...	29.69	58	W	5	b	?	+ .21	54	50	− 6	W	7	c	*	69	50	0.16
Paris	29.78	72	S	3	b	30.03	+ .21	59	54	− 7	SW	4	b	*	*	*	0.08
Lyons	29.91	71	W	1	o	30.05	+ .07	60	50	− 3	WNW	5	c	*	79	56	—
Toulon	29.89	67	WNW	7	bc	29.88	+ .02	63	59	+ 2	WNW	8	b	6	76	59	—

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency: w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred. Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Sunday 21st June 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

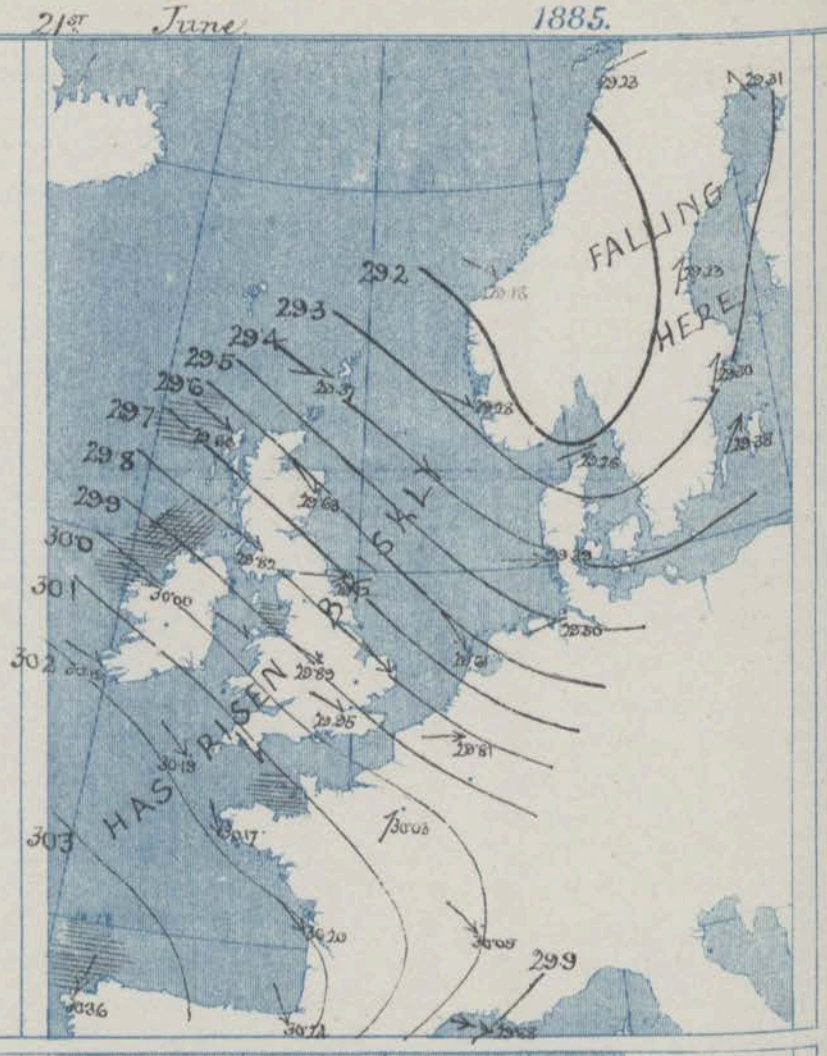
⟶ = forces above 10; ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29·860
Stornoway	29·832
Wick	29·861
Nairn	29·868
Aberdeen	29·876
Leith	29·892
Shields	29·918
York	29·936
Ardrossan	29·895
Donaghadee	29·898
Holyhead	29·929
Liverpool	29·930
Valencia	29·929
Roche's Point	29·929
Pembroke	29·937
Scilly	29·971
Hurst Castle	29·969
Dover	29·962
LONDON	29·963
Oxford	29·953
Cambridge	29·960
Yarmouth	29·956



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

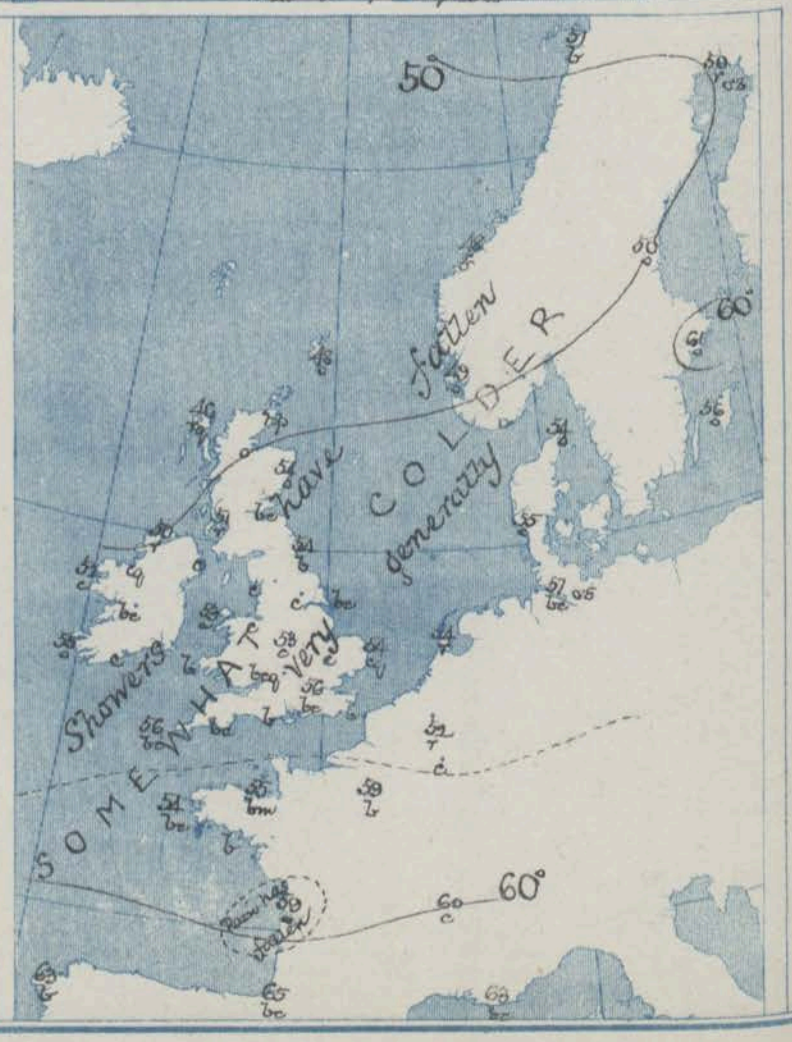
Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.*

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry	At 8 a.m. Wet.	RAINFALL (Inches).
Sumburgh Head	54·9	45·5	50·7	49·1	2·04
Stornoway	58·3	46·4	54·2	51·7	3·03
Wick	59·2	46·0	53·3	50·7	1·59
Nairn	62·7	48·4	54·8	50·8	2·00
Aberdeen	61·5	48·2	54·8	51·1	1·87
Leith	65·2	48·4	56·4	53·1	1·96
Shields	61·2	50·1	55·2	51·9	1·76
York	66·5	48·6	56·6	53·2	2·47
Ardrossan	63·1	50·6	55·6	52·1	2·77
Donaghadee	61·4	49·4	55·4	53·3	2·12
Holyhead	62·5	52·1	55·7	53·3	1·98
Liverpool	64·2	51·2	56·9	53·0	1·87
Valencia	62·0	51·3	56·9	53·9	3·52
Roche's Point	66·1	51·5	56·8	53·6	3·36
Pembroke	61·2	51·8	55·4	53·2	2·07
Scilly	61·5	53·4	57·2	55·2	1·89
Hurst Castle	64·1	52·7	58·1	55·9	1·98
Dover	63·8	53·5	59·1	55·5	1·76
LONDON	70·0	50·7	59·5	55·3	2·24
Oxford	67·8	49·1	57·2	53·9	2·22
Cambridge	69·4	49·0	58·1	54·9	2·30
Yarmouth	62·6	51·7	57·2	54·4	2·12

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Sunday 21st June 1885, at 8 a.m.

The depression which lay off the north east of Scotland yesterday has moved away to Scandinavia, and a brisk recovery of pressure has taken place over our Islands and France. In Sweden, however, the mercury continues to fall slowly. The wind is moderate from W. on the eastern shores of the North Sea, and light from SW. in Sweden, but elsewhere it is generally NW. and on the more exposed parts of our coast it blows strongly. The weather is dull in the north of our Islands, as well as at the Scandinavian stations, with rain at Stornoway, Ardrossan and Malin Head; elsewhere, however, conditions are at present fair. Showers fell yesterday in most parts of the Kingdom. Temperature has fallen a few degrees, and readings now range from 56° at Scilly, Hurst Castle and in London to 48° in the Shetlands. The sea is high at Malin Head, and rough on the other exposed parts of our north-west coasts, as well as at Jersey.

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 17th Inst: between Long: 48° and 52° W.

FORECASTS

For the 24 hours ending at NOON on 22nd June 1885.
(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None Issued	6 SCOTLAND WEST	None Issued
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	The south cone is still flying in districts 5 and 7 to 10.

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.13	51	50	SSE	6	o	4	Holyhead	29.49	56	53	W	4	cw	3
Sumburgh Head	29.16	49	47	NE	4	o	4	Valencia	29.58	55	54	NW	6	cq	6
Stornoway	29.31	51	47	NW	6	oq	5	Scilly	29.51	58	54	WNW	7	c	6
Aberdeen	29.16	63	57	NW	1	bc	1	Dungeness	29.55	58	56	W	7	cqp	6
Shields	29.30	59	58	SW	5	c	2	London	29.55	62	57	W	5	cp	*
Ardrossan	29.32	53	52	WNW	5	o	4	Yarmouth	29.45	58	54	W	5	ra	4
Malin Head	29.33	52	49	NW	7	c	7	Jersey	29.79	57	54	W	7	c	5
Mullaghmore	29.61	55	50	NW	7	cg	6	Rochefort	30.04	66	61	W	8	c	3
Belmullet	29.66	54	49	NW	4	b	*								

REMARKS.

The depression in the north is moving away in an easterly direction, and the barometer is rising in all parts of our Islands. On our western coasts the wind has veered to NW., and at Mullaghmore, Scilly and Dungeness moderate gales are blowing. Rain is falling at Yarmouth and passing showers at Dungeness as well as in London. The sea is rough on many parts of our western and southern coasts.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Monday 22nd June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London; R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.44	45	Z	0	f	29.53	+ .22	52	50	+ 2	Z	0	f	*	52	43	0.20
Hernösand	29.35	48	Z	0	c	29.48	+ .25	53	50	+ 3	SSW	2	c	*	55	45	—
Stockholm	29.41	54	Z	0	b	29.55	+ .25	58	53	— 3	SSW	2	0	*	66	50	0.08
Wisby	29.46	53	SSW	6	b	29.63	+ .25	53	49	— 3	W	6	b	*	64	50	—
Bodö	29.30	57	Z	0	o	29.29	+ .16	50	49	— 1	WSW	4	o	3	57	50	—
Christiansund	29.43	50	W	4	f	29.61	+ .43	48	46	— 0	WSW	6	f	3	52	46	0.08
‡Skudesnaes	29.58	50	WNW	6	o	29.80	+ .32	51	48	+ 2	WNW	4	bc	3	52	?	—
Oxö (Xtiansund)	29.49	54	W	6	b	29.69	+ .49	53	48	+ 2	NW	6	b	3	59	48	—
Skagen (The Skaw)	29.44	52	W	6	b	29.65	+ .39	55	50	+ 1	WNW	4	b	3	59	48	—
Fanö	29.72	50	W	6	c	29.87	+ .48	51	47	— 4	W	6	cp	*	57	48	0.04
Cuxhaven	29.78	50	NW	5	f	29.45	+ .45	57	57	0	NW	7	c	*	58	50	0.16
‡Sumburgh Head	29.64	48	NW	5	c	29.70	+ .33	50	48	+ 2	SW	4	c	4	53	44	0.03
‡Stornoway	29.85	53	W	5	cp	29.66	.00	52	49	+ 4	E	6	cq	5	56	44	0.06
Wick	29.72	48	NW	5	o	29.72	+ .17	54	52	+ 5	E	4	o	3	54	43	0.02
Nairn	29.85	53	NW	4	c	29.78	+ .16	51	49	— 1	WSW	3	o	2	54	49	0.02
‡Aberdeen	29.83	53	NNW	6	bc	29.81	+ .18	55	52	+ 1	WSW	5	o	3	58	46	—
Leith	29.89	61	WNW	7	bc	29.88	+ .18	53	48	— 2	W	3	o	*	64	49	—
‡Shields	29.88	61	W	6	bc	29.95	+ .23	56	51	+ 2	WSW	2	c	2	62	48	—
Spurn Head	29.91	56	WNW	6	bc	30.04	+ .27	58	55	+ 4	SW	4	b	3	58	50	0.01
York	29.96	56	W	4	o	30.03	+ .22	55	51	0	S	3	bc	*	62	47	—
Loughborough	30.06	56	WNW	6	o	30.09	+ .20	57	53	+ 4	SW	4	c	*	61	49	—
‡Ardrossan	29.97	51	WNW	4	o	29.90	+ .08	52	50	+ 1	S	3	o	3	56	49	0.02
Malin Head	30.00	51	WNW	6	c	29.77	— .15	50	49	0	S	6	o	4	54	48	0.01
‡Mullaghmore	30.09	53	W	3	cm	29.78	— .22	53	51	0	SSW	6	org	5	56	50	0.02
‡Belmullet	30.06	52	WSW	4	o	29.70	— .33	55	55	+ 3	S	3	o	*	55	51	0.04
Donaghadee	30.05	56	NW	4	bc	29.93	+ .02	52	51	— 2	SW	3	r	1	60	43	0.01
Barrow-in-Furness	30.03	53	WNW	4	o	30.02	+ .15	52	50	+ 1	SSW	4	o	*	56	50	—
Liverpool (Bidston)	30.05	54	W	5	b	30.04	+ .13	56	51	+ 4	S	1	o	3	58	50	—
‡Holyhead	30.09	56	WNW	4	c	30.02	.00	53	51	0	SSW	4	o	3	58	49	—
Parsonstown	30.14	56	SSE	2	c	29.85	— .24	54	53	0	SSE	2	ogm	*	60	47	0.08
‡Valencia	30.09	55	SW	4	o	29.86	— .33	56	56	+ 1	SW	6	cm	6	59	53	0.08
Roche's Point	30.20	58	WNW	3	c	29.92	— .21	54	54	+ 1	SSW	5	rm	4	63	50	0.03
Pembroke	30.16	54	W	5	b	30.07	.00	53	52	+ 1	SSW	5	op	4	56	51	0.04
‡Scilly	30.27	57	WNW	3	c	30.13	— .06	57	55	+ 1	S	5	o	4	58	52	—
Prawle Point	30.22	57	W	4	b	30.20	+ .09	53	51	— 1	SSW	3	o	3	62	46	—
Hurst Castle	30.16	61	WNW	6	b	30.20	+ .19	56	54	0	WSW	5	bc	2	63	47	—
‡Dungeness	30.03	63	NW	3	c	30.18	+ .30	58	56	+ 3	NW	3	b	3	65	47	—
‡London	30.05	63	NW	2	c	30.16	+ .21	59	54	+ 3	W	1	bc	*	63	48	—
Oxford	30.13	57	W	2	o	30.13	+ .18	58	53	+ 4	SW	3	b	*	61	49	—
Cambridge	30.05	59	NW	3	c	30.12	+ .23	58	53	+ 4	SW	1	bc	*	63	45	—
‡Yarmouth	29.95	59	NW	5	cq	30.10	+ .30	57	52	+ 3	WNW	2	b	3	62	47	0.04
The Helder	29.91	55	WSW	4	c	30.06	+ .25	55	52	+ 1	NW	3	c	3	57	50	0.12
Cape Gris Nez	30.09	57	NW	5	c	30.16		55	53		NNW	3	b	2	63	52	—
‡Jersey	30.23	59	WNW	5	b	30.23	+ .13	56	53	+ 1	WSW	3	bc	3	58	48	—
Brest	30.28	57	NW	3	o	30.23	+ .06	55	52	+ 1	SSW	4	o	3	61	52	—
Lorient	30.27	58	WNW	7	c	30.28	+ .08	54	51	0	NE	3	b	2	63	45	—
‡Rochefort	30.31	62	WNW	7	b	30.32	+ .12	56	52	— 3	SE	5	b	2	?	48	—
Biarritz	30.30	63	N	3	b	30.25	+ .01	60	53	— 5	E	3	b	1	68	52	—
Coruña	*	*	*	*	*	30.28	— .05	65	62	+ 2	ENE	1	b	4	68	54	—
Brussels	*	*	*	*	*	30.16	+ .35	56	52	+ 4	W	1	bc	*	60	51	0.04
Charleville	? 30.08	54	W	7	c	? 30.19	?	55	51	+ 1	SW	4	b	*	57	45	0.04
Paris	30.18	63	W	4	r	30.28	+ .25	58	54	— 1	SW	3	b	*	*	*	0.04
Lyons	30.14	61	NNW	5	o	30.28	+ .23	54	48	— 6	NNW	3	b	*	68	50	—
Toulon	29.91	63	N	8	bc	30.05	+ .17	57	54	— 6	NW	6	b	4	70	52	—

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder: u. ugly, threatening: v. visibility, unusual transparency: w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred. Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Monday 22nd June 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevailing winds. They fly with the wind and their barbs and feathers refer to force, thus —*

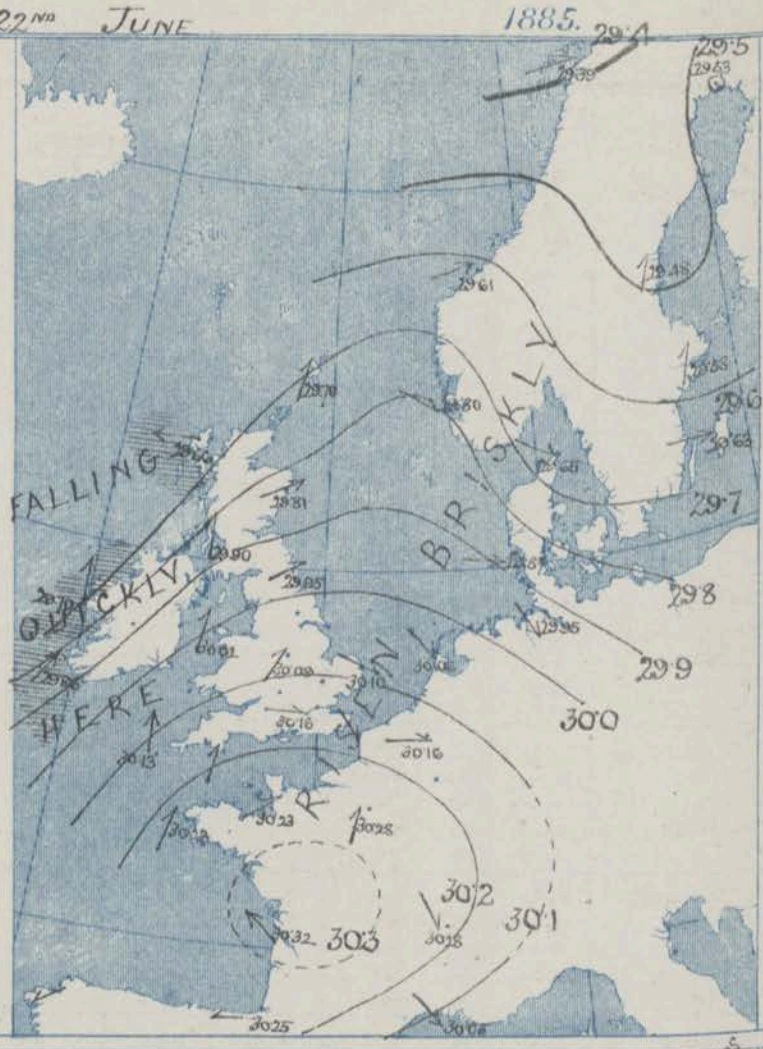
⟶ = forces above 10; ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable, is shown thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

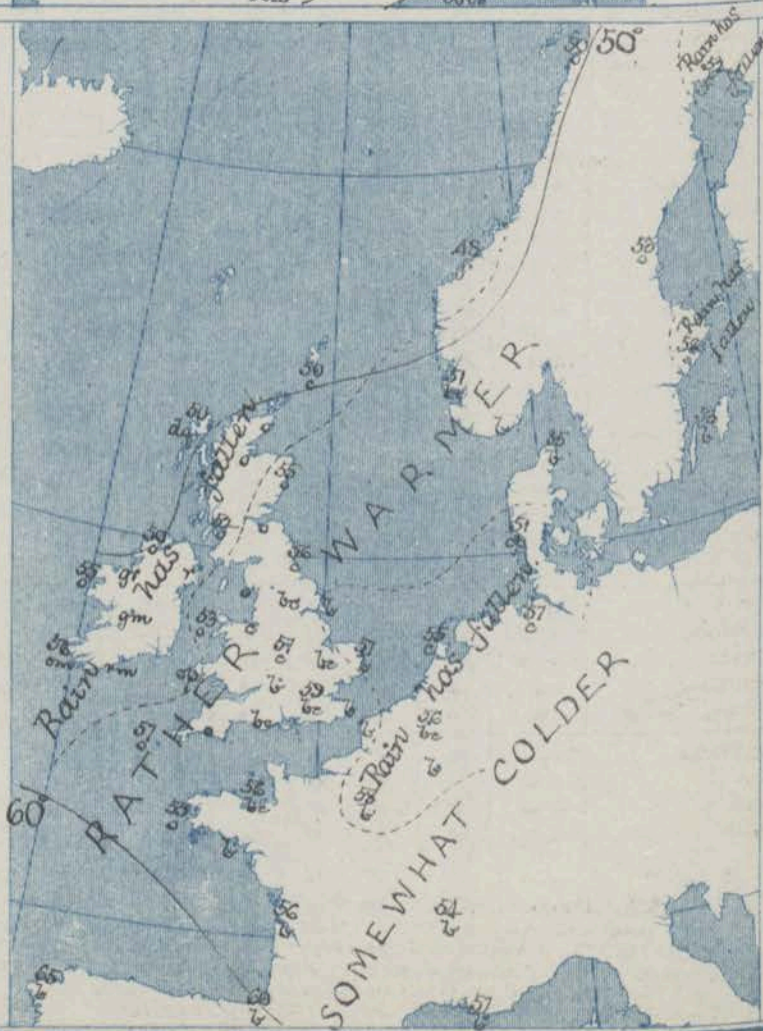
Rainfall *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.*

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	Wet.	RAINFALL (Inches).
Sumburgh Head	54 · 9	45 · 5	50 · 7	49 · 1	2 · 04
Stornoway	58 · 3	46 · 4	54 · 2	51 · 7	3 · 03
Wick	59 · 2	46 · 0	53 · 3	50 · 7	1 · 59
Nairn	62 · 7	48 · 4	54 · 8	50 · 8	2 · 00
Aberdeen	61 · 5	48 · 2	54 · 8	51 · 1	1 · 87
Leith	65 · 2	48 · 4	56 · 4	53 · 1	1 · 96
Shields	61 · 2	50 · 1	55 · 2	51 · 9	1 · 76
York	66 · 5	48 · 6	56 · 6	53 · 2	2 · 47
Ardrossan	63 · 1	50 · 6	55 · 6	52 · 1	2 · 77
Donaghadee	61 · 4	49 · 4	55 · 4	53 · 3	2 · 12
Holyhead	62 · 5	52 · 1	55 · 7	53 · 3	1 · 98
Liverpool	64 · 2	51 · 2	56 · 9	53 · 0	1 · 87
Valencia	62 · 0	51 · 3	56 · 9	53 · 9	3 · 52
Roche's Point	66 · 1	51 · 5	56 · 8	53 · 6	3 · 36
Pembroke	61 · 2	51 · 8	55 · 4	53 · 2	2 · 07
Scilly	61 · 5	53 · 4	57 · 2	55 · 2	1 · 89
Hurst Castle	64 · 1	52 · 7	58 · 1	55 · 9	1 · 98
Dover	63 · 8	53 · 5	59 · 1	55 · 5	1 · 76
LONDON	70 · 0	50 · 7	59 · 5	55 · 3	2 · 24
Oxford	67 · 8	49 · 1	57 · 2	53 · 9	2 · 22
Cambridge	69 · 4	49 · 0	58 · 1	54 · 9	2 · 30
Yarmouth	62 · 6	51 · 7	57 · 2	54 · 4	2 · 12

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Monday 22nd June *1885, at 8 a.m.*

The rise of the barometer noticed yesterday has continued at all our eastern and the Continental stations, and an anticyclone in which readings vary between 30.2 ins and 30.3 ins is now lying over France. On our western and northern coasts, however, the barometer has fallen briskly, and a new depression is apparently advancing towards the west of Scotland. The wind has veered to NW on the eastern shores of the North Sea, but over the greater part of our Islands it has backed to SW, while at Stornoway and Wick it has shifted to E. In the west of Ireland strong breezes are reported but elsewhere the wind is moderate or fresh in force. The weather is fine over our southeastern and midland counties as well as at most of the Continental stations, but overcast on our western and northern coasts with rain in Ireland. Slight showers fell yesterday in many parts of the Kingdom. Temperature has risen a few degrees at the English stations, and readings range from 59° in London to 50° at Lerwick Head, Stornoway and Malin Head. The sea is rather rough at Stornoway and Mullaghmare, moderate to smooth elsewhere.

The depression in the west will probably advance over our northern coasts, and rain is likely to extend to all parts of the Kingdom.

FORECASTS

for the 24 hours ending at NOON on 23rd June *1885.*

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SWly winds, moderate to NWly strong; dull, rainy.	6 SCOTLAND WEST	SWly to Wly winds, freshening; cloudy, some rain.
1 SCOTLAND EAST	..... D° ..... D°	7 ENGLAND N.W.	..... D° ..... D° .....
2 ENGLAND N.E.	Same as No. 5.	8 ENGLAND S.W	SWly to Wly winds, strong and squally; dull and rainy at first, some improvement later.
3 ENGLAND EAST	Same as No. 5	9 IRELAND NORTH	..... D° ..... D° .....
4 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	..... D° ..... D° .....
5 ENGLAND SOUTH	SWly to Wly winds, freshening considerably; fair to unsettled and rainy.	WARNINGS	None Issued.

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.46	52	49	W/VW	6	c	4	Holyhead							
Sumburgh Head								Valencia							
Stornoway								Scilly							
Aberdeen								Dungeness							
Shields								London							*
Ardrossan								Yarmouth							
Malin Head								Jersey							
Mullaghmore								Rochefort	30.28	64	61	WNW	7	b-	2
Belmullet							*								

REMARKS.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD

FROM THE 14TH JUNE TO THE 20TH JUNE 1885

The distribution of pressure over our Islands during this week has been of three different types. (1) Anticyclonic on the 14th; (2) mainly anticyclonic but somewhat complicated by shallow local depressions from 15th to 17th, and (3) cyclonic, with gradients for SWly and Wly winds (18th to 20th)

In the first of these periods the bright warm weather and light winds noticed at the close of last week were continued, the thermometer rising to 81° in London and to between 77° and 80° over many other parts of England.

In the second, clouds increased (as some shallow depressions appeared over France and the Netherlands) the Ely wind in the south freshened, temperature fell, and on the 16th showery weather set in over England, – the rain being heavy locally – and thunderstorms occurred at some southern stations.

The third brought a decided change, for while pressure became highest over France and the Bay of Biscay, well-formed depressions appeared in the north, and strong SWly to Wly winds, with cool squally showery weather, prevailed very generally. At the close of the week no change was apparent.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Tuesday 23rd June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force (0 to 12)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force (0 to 12)	Weather.	Sea (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.60	45	S	2	o	29.75	+ .22	54	49	+ 2	SW	4	b	*	59	43	—
Hernösand ...	29.77	53	Z	o	b	29.89	+ .41	54	49	+ 1	SSW	2	b	*	63	45	—
Stockholm ...	29.83	53	Z	o	b	30.01	+ .43	59	54	+ 1	SW	2	b	*	68	48	0.08
Wisby	29.86	50	W	4	b	30.02	+ .39	54	50	+ 1	W	4	b	*	68	52	—
Bodö	29.65	48	WSW	4	c	29.90	+ .31	51	48	+ 1	ENE	2	bc	2	52	45	0.04
Christiansund...	29.73	50	Z	o	c	29.65	+ .04	53	48	+ 5	SSW	1	o	2	54	48	—
‡Skudesnaes ...	29.85	50	SSW	6	o	29.88	+ .08	51	53	0	W	4	o	4	57	50	0.28
Oxö (Xtiansund)	29.90	50	SW	6	o	29.94	+ .25	50	50	— 3	S	4	f	3	57	48	—
Skagen (The Skaw)	29.88	51	W	6	b	29.99	+ .34	54	52	— 1	SSW	3	fc	2	61	48	—
Fanö	30.04	54	WSW	4	c	30.05	+ .18	59	56	+ 8	SW	4	c	*	59	50	—
Cuxhaven ..	30.11	52	WNW	3	b	30.15	+ .20	60	59	+ 3	SSW	2	b	*	60	52	—
‡Sumburgh Head	29.57	50	SSW	3	r	29.77	+ .07	50	47	0	WSW	4	o	5	54	44	0.20
‡Stornoway ...	29.65	51	W	5	bc	29.78	+ .12	46	44	— 4	W	6	phrq	5	53	44	0.11
Wick	29.60	54	SW	3	c	29.85	+ .13	53	49	— 1	SW	2	o	2	58	42	0.12
Nairn	29.62	53	W	4	r	29.86	+ .08	51	47	0	W	4	b	3	60	45	0.02
‡Aberdeen... ...	29.67	52	S	3	cg	29.92	+ .11	55	48	0	SW	3	bc	2	60	39	0.04
Leith ...	29.70	59	W	4	c	29.95	+ .07	53	48	0	W	3	bc	*	63	44	—
‡Shields	29.80	59	SW	4	c	30.01	+ .06	50	47	— 6	SW	1	cm	2	60	43	—
Spurn Head ...	29.93	55	SSW	5	c	30.02	— .02	54	51	— 4	NNE	3	o	3	64	52	—
York	29.92	58	SSW	3	o	30.03	.00	54	49	— 1	WNW	1	o	*	63	52	—
Loughborough	29.99	57	SSW	4	o	30.03	— .06	59	57	+ 2	SW	1	ogm	*	61	54	—
‡Ardrossan ...	29.75	55	WNW	4	c	29.96	+ .06	51	49	— 1	SSW	4	b	3	55	46	0.06
Malin Head ...	29.87	52	NW	5	c	?29.93	+ .16	49	46	— 1	SSW	5	bc	5	57	46	0.01
‡Mullaghmore ...	29.85	53	WNW	5	bc	29.95	+ .17	52	48	— 1	SSW	5	c	3	58	48	0.01
‡Belmullet ...	29.87	53	WNW	3	bc	29.91	+ .21	52	48	— 3	SW	3	c	0	56	48	0.02
Donaghadee ...	29.86	58	NW	3	c	30.00	+ .07	54	52	+ 2	W	3	bc	1	62	37	0.09
Barrow-in-Furness	29.84	55	SW	5	o	30.00	— .02	47	45	— 5	N	2	o	*	56	44	0.09
Liverpool (Bidston)	29.88	59	SW	4	o	30.01	— .03	52	51	— 4	ESE	1	f	2	59	51	—
‡Holyhead ...	29.89	54	SW	5	o	30.00	— .02	54	53	+ 1	SSE	2	r	2	55	51	0.01
Parsonstown ...	29.92	59	W	1	bc	30.00	+ .15	58	49	— 1	Z	0	b	*	60	42	—
‡Valencia	29.99	57	NW	3	c	30.02	+ .16	54	50	— 2	WSW	2	c	2	60	?48	—
Roche's Point ..	29.96	57	W	2	c	30.00	+ .05	53	50	— 1	NW	1	o	3	60	47	0.01
Pembroke ...	29.95	54	SW	5	o	30.00	— .07	55	54	+ 2	SSW	3	cm	3	55	52	0.04
‡Scilly	30.07	57	WSW	4	f	30.03	— .10	57	56	0	SSW	2	f	3	58	54	0.14
Prawle Point ...	30.09	53	SSW	5	m	30.07	— .13	55	55	+ 2	SW	1	f	3	57	51	0.19
Hurst Castle ...	30.12	56	SW	6	c	30.09	— .11	55	55	— 1	WSW	5	mb	3	61	54	0.04
‡Dungeness ...	30.13	56	W	4	c	30.10	— .08	57	56	— 1	WSW	3	c	3	62	48	—
‡London	30.08	67	SW	4	o	30.07	— .09	59	57	0	SW	1	o	*	66	55	—
Oxford	30.03	55	SW	5	o	30.05	— .08	59	56	+ 1	S	3	o	*	60	55	0.02
Cambridge ...	30.10	60	SW	1	r	30.07	— .05	60	58	+ 2	NNW	1	o	*	67	53	0.01
‡Yarmouth ...	30.05	61	SW	3	cm	30.07	— .03	58	56	+ 1	WSW	2	cm	3	64	54	—
The Helder ...	30.08	55	SSW	3	c	30.10	+ .04	57	55	+ 2	SW	3	o	2	63	55	—
Cape Gris Nez...	30.12	54	SW	4	o	30.09	— .07	?	55	?	W	?	?	3	61	54	—
‡Jersey	30.15	60	WSW	1	o	30.11	— .12	57	56	+ 1	SSW	3	ogm	3	61	55	—
Brest	30.16	58	SW	4	o	30.10	— .13	57	56	+ 2	S	4	o	3	61	54	0.08
Lorient	30.20	61	W	4	bc	30.15	— .10	60	56	+ 6	SW	3	c	1	66	46	—
‡Rochefort ...	30.24	64	WNW	4	b	30.18	— .14	61	58	+ 5	SW	4	b	2	?	50	—
Biarritz ...	30.13	65	NNE	5	b	30.06	— .19	66	60	+ 6	E	4	b	1	73	59	—
Corunna	*	*	*	*	*												
‡Brussels	*	*	*	*	*	30.15	— .01	62	56	+ 6	SSW	1	o	*	66	57	—
Charleville ...	30.20	62	SSW	1	c	?30.18	— .01	60	56	+ 5	S	1	m	*	68	54	—
Paris	30.20	67	SW	3	bc	30.21	— .07	65	59	+ 7	SW	3	b	*	*	*	—
Lyons	30.19	65	NE	3	b	30.20	— .08	57	51	+ 3	N	1	b	*	69	50	—
Toulon	30.01	67	NW	5	bc	30.10	+ .05	68	55	+ 11	ENE	3	b	2	75	57	—

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

⊥ Received too late for insertion in Chart.

Fred. Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Tuesday 23rd June. 1885.

BAROMETER, WIND & SEA.

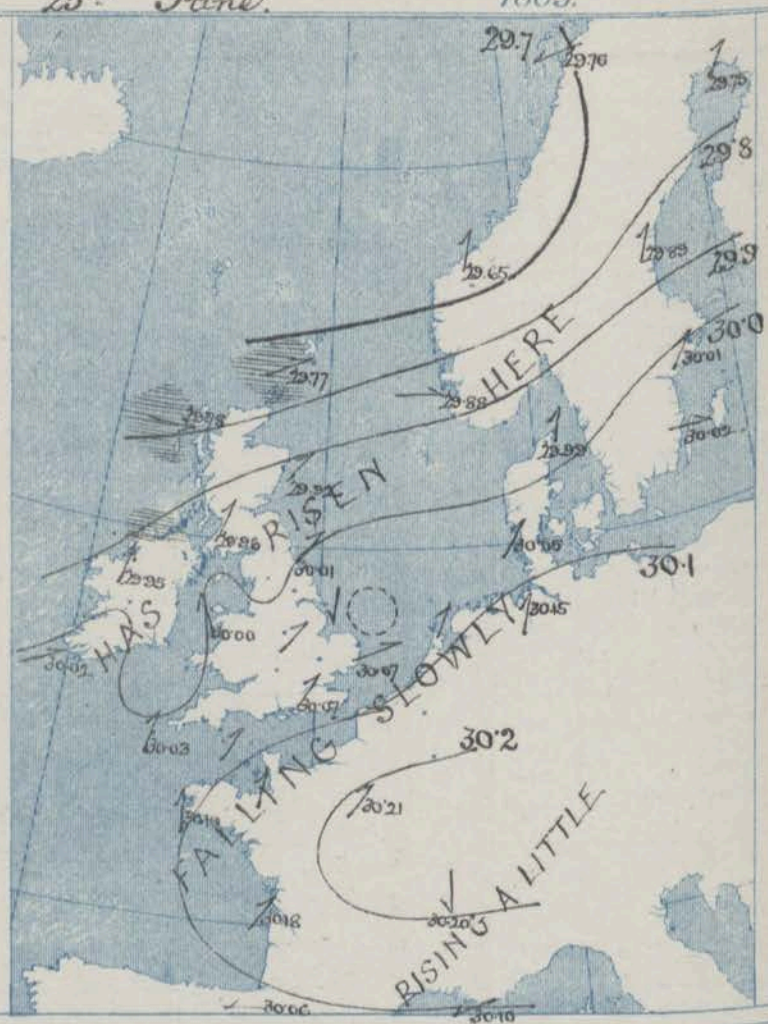
(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevailing winds. They fly with the wind and their barbs and feathers refer to force, thus —*

» ⟶ = forces above 10, ⟶ = forces 8 to 10;
⟶ = forces 5 to 7, ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.



MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871 — 1880.

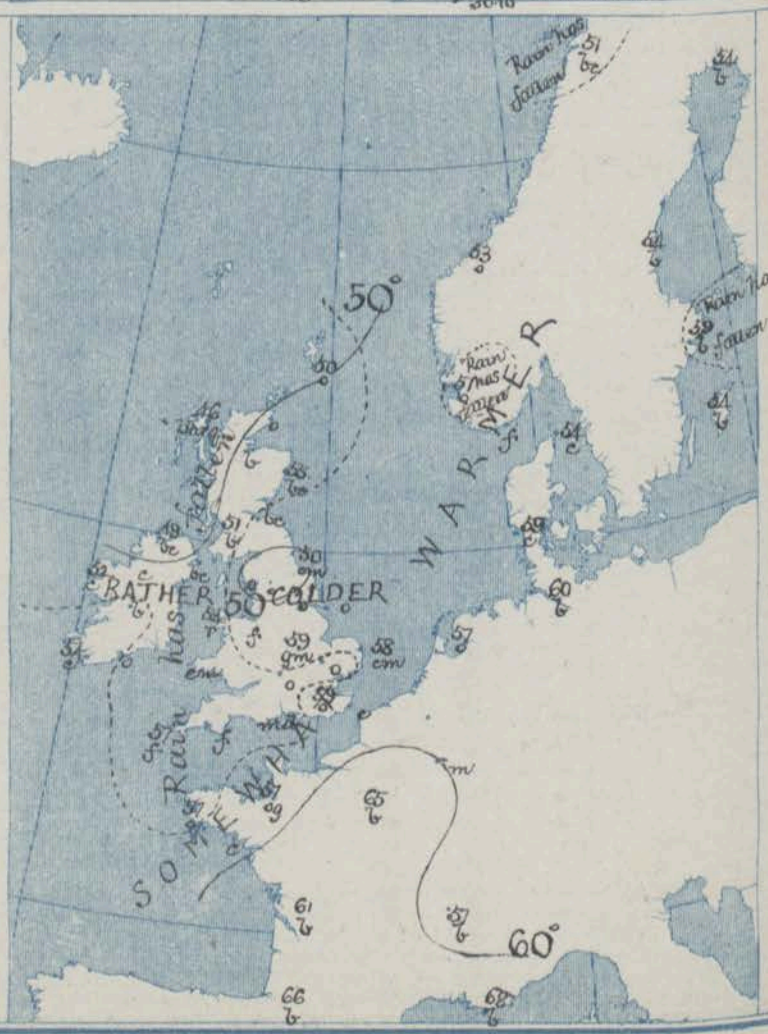
STATIONS.	MEAN READINGS. in.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956

TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*



MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	Wet.	RAINFALL (Inches).
Sumburgh Head	54 · 9	45 · 5	50 · 7	49 · 1	2 · 04
Stornoway	58 · 3	46 · 4	54 · 2	51 · 7	3 · 03
Wick	59 · 2	46 · 0	53 · 3	50 · 7	1 · 59
Nairn	62 · 7	48 · 4	54 · 8	50 · 8	2 · 00
Aberdeen	61 · 5	48 · 2	54 · 8	51 · 1	1 · 87
Leith	65 · 2	48 · 4	56 · 4	53 · 1	1 · 96
Shields	61 · 2	50 · 1	55 · 2	51 · 9	1 · 76
York	66 · 5	48 · 6	56 · 6	53 · 2	2 · 47
Ardrossan	63 · 1	50 · 6	55 · 6	52 · 1	2 · 77
Donaghadee	61 · 4	49 · 4	55 · 4	53 · 3	2 · 12
Holyhead	62 · 5	52 · 1	55 · 7	53 · 3	1 · 98
Liverpool	64 · 2	51 · 2	56 · 9	53 · 0	1 · 87
Valencia	62 · 0	51 · 3	56 · 9	53 · 9	3 · 52
Roche's Point	66 · 1	51 · 5	56 · 8	53 · 6	3 · 36
Pembroke	61 · 2	51 · 8	55 · 4	53 · 2	2 · 07
Scilly	61 · 5	53 · 4	57 · 2	55 · 2	1 · 89
Hurst Castle	64 · 1	52 · 7	58 · 1	55 · 9	1 · 98
Dover	63 · 8	53 · 5	59 · 1	55 · 5	1 · 76
LONDON	70 · 0	50 · 7	59 · 5	55 · 3	2 · 24
Oxford	67 · 8	49 · 1	57 · 2	53 · 9	2 · 22
Cambridge	69 · 4	49 · 0	58 · 1	54 · 9	2 · 30
Yarmouth	62 · 6	51 · 7	57 · 2	54 · 4	2 · 12

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.

REMARKS.

for Tuesday 23rd June *1885, at 8 a.m.*

The depression which was approaching our western coasts yesterday has moved away in a northnortheasterly direction, and the barometer has risen at all our western and northern stations. In the course of the night, however, a shallow subsidiary disturbance has been formed over the St George's Channel and the mercury is therefore falling at most of the English stations as well as in the west of France. The wind is somewhat variable over the north and east of England, but elsewhere it is light or moderate from the SWd. Fair weather prevails at all but the English stations, where the sky is overcast, with rain at Holyhead and fog at Liverpool, Scilly and Prawle Point. In the course of the past twenty-four hours rain has fallen at all but our eastern and southeastern stations. Temperature has fallen a little in the northern parts of England and Ireland but risen elsewhere; readings now range from 60° at Cambridge to 46° at Stornoway. The sea is rather rough off the north of Scotland as well as at Malin Head, but moderate to smooth elsewhere.

The shallow depression over the St George's Channel seems likely to move eastwards, and occasion rain at our eastern and southeastern stations.

ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 16th inst: in Long: 49° W.

FORECASTS

for the 24 hours ending at NOON on 24th June *1885.*

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SWly winds, moderate; fair generally, but probably some showers.	6 SCOTLAND WEST	Same as Nos 0 and 1.
1 SCOTLAND EAST	---------Do.---------Do.---------	7 ENGLAND N.W.	Variable to SWly breezes; dull and rainy to fair.
2 ENGLAND N.E.	Variable breezes, finally SWly; dull, some rain.	8 ENGLAND S.W	Sly and SWly winds, moderate; dull, rain and fog locally.
3 ENGLAND EAST	Same as No. 5.	9 IRELAND NORTH	SWly winds, moderate; fair to cloudy and unsettled.
4 MIDLAND COUNTIES	Same as No. 5.	10 IRELAND SOUTH	---------Do.---------Do.---------
5 ENGLAND SOUTH	SWly winds, moderate; dull, some rain, perhaps thunder.	WARNINGS	None Issued.

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.88	57	49	WSW	2	c	3	Holyhead	29.89	53	53	SSW	6	dq	5
Sumburgh Head	29.64	52	49	SW	4	o	4	Valencia	29.97	57	56	W	3	omq	4
Stornoway	29.58	51	50	SSW	7	d	6	Scilly	30.07	58	57	SSW	6	od	6
Aberdeen	29.73	55	52	S	5	opq	3	Dungeness	30.16	60	56	W	4	c	3
Shields	29.87	59	55	SW	5	r	2	London	30.10	62	54	SW	2	c	*
Ardrossan	29.75	52	52	SSW	4	r	3	Yarmouth	30.08	62	57	S	4	c	4
Malin Head	29.71	53	51	WNW	6	o	6	Jersey	30.18	59	54	SE	2	c	2
Mullaghmore	29.78	57	55	W	5	om	5	Rochefort	30.28	68	59	WNW	4	b	2
Belmullet	29.82	55	50	NW	4	c	*								

REMARKS.

The depression noticed in the west this morning is passing off to the northward, and the barometer is rising at our western stations. The wind has veered to W. in Ireland, but remains SSW in Scotland and the west of England. The sea is rough in the west, slight in the Straits of Dover.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Wednesday 24th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.90	49	S	2	c	29.99	+ .24	60	54	+ 6	S	2	b	*	?	43	—
Hernösand	29.95	60	E	2	b	30.14	+ .25	56	51	+ 2	SW	2	b	*	68	41	—
Stockholm	30.14	56	E	0	o	30.25	+ .24	65	58	+ 6	WSW	2	b	*	68	?	—
Wisby	30.14	54	S	4	b	30.21	+ .19	58	55	+ 4	W	4	b	*	72	52	—
Bodö	29.86	49	WSW	6	bc	30.02	+ .32	50	45	— 1	WSW	2	c	2	52	46	0.04
Christiansund	29.95	51	W	2	c	30.04	+ .39	56	51	+ 3	ESE	1	b	3	?	45	—
‡Skudesnaes	30.06	51	SW	4	c	30.06	+ .18	51	48	0	E	2	o	2	59	?	—
Oxö (Xtiansand)	30.19	49	SW	4	o	30.16	+ .22	50	49	0	ENE	2	f	3	52	48	—
Skagen (The Skaw)	30.12	55	WSW	2	bc	30.17	+ .18	59	57	+ 5	W	2	c	1	63	50	—
Fanö	30.15	57	ESE	4	c	30.14	+ .09	64	60	+ 5	S	1	bc	*	64	55	—
Cuxhaven	30.18	59	ESE	1	b	30.17	+ .02	64	61	+ 4	SE	1	b	*	65	59	—
‡Sumburgh Head	29.85	51	SSW	4	c	29.93	+ .16	52	49	+ 2	SSW	1	b	1	54	43	—
‡Stornoway	29.89	54	SW	6	bc	29.91	+ .13	51	47	+ 5	SSW	4	bc	4	55	44	0.15
Wick	29.86	56	SW	2	o	29.95	+ .10	55	53	+ 2	S	2	o	1	59	41	—
Nairn	29.87	59	WSW	3	bc	29.96	+ .10	50	47	— 1	NW	1	o	1	61	44	—
‡Aberdeen	29.91	53	S	3	b	29.97	+ .05	53	49	— 2	Z	0	m	1	62	45	—
Leith	29.93	59	W	2	bc	29.98	+ .03	51	50	— 2	W	1	or	*	64	49	0.01
‡Shields	29.98	52	SE	1	o	29.95	— .06	51	51	+ 1	NW	1	r	2	55	48	0.08
Spurn Head	29.97	58	SE	3	bc	29.92	— .10	60	60	+ 6	SSE	1	cm	2	61	?	0.03
York	29.97	62	S	1	o	29.92	— .11	54	54	0	NE	1	r	*	65	52	0.56
Loughborough	30.00	61	SW	1	r	29.92	— .10	60	57	+ 1	SSW	1	or	*	68	58	0.17
‡Ardrossan	29.96	54	WSW	3	o	29.98	+ .02	51	50	0	Z	0	op	0	56	48	0.01
Malin Head	No observations taken					29.97	+ .04	51	45	+ 2	SSW	3	c	3	55	47	0.01
‡Mullaghmore	29.95	54	WNW	4	cp	29.99	+ .04	54	50	+ 2	WSW	4	bc	2	57	45	0.01
‡Belmullet	29.93	54	SW	3	b	29.97	+ .06	53	48	+ 1	WNW	2	b	2	56	48	—
Donaghadee	29.97	56	S	2	bc	29.99	— .01	50	50	— 4	SSE	2	r	0	62	49	0.17
Barrow-in-Furness	29.99	54	NNE	2	o	29.95	— .05	50	49	+ 3	N	3	r	*	55	47	0.06
Liverpool (Bidston)	29.99	55	WNW	1	o	29.92	— .09	50	50	— 2	NNW	2	r	3	60	49	0.42
‡Holyhead	29.99	55	ENE	1	c	29.97	— .03	50	49	— 4	NNE	4	r	3	56	49	0.19
Parsonstown	29.99	56	WNW	1	o	30.02	+ .02	51	49	— 2	NNW	1	bc	*	60	47	0.19
‡Valencia	30.00	54	WNW	1	rm	30.03	+ .01	56	52	+ 2	N	2	bc	2	59	47	0.04
Roche's Point	29.99	55	SSE	2	o	29.98	— .02	53	50	0	NNE	3	c	3	61	48	0.02
Pembroke	29.97	54	W	1	o	29.92	— .05	51	50	— 4	N	4	o	3	56	50	0.23
‡Scilly	29.95	57	SSE	1	rf	29.91	— .12	54	53	— 3	NNE	5	o	4	61	53	0.72
Prawle Point	30.01	55	SW	1	f	29.91	— .16	57	57	+ 2	Z	0	r	1	57	53	0.28
Hurst Castle	30.04	58	SW	3	o	29.89	— .20	61	59	+ 6	ENE	3	bc	2	61	54	0.02
‡Dungeness	30.07	60	WSW	1	c	29.96	— .14	64	60	+ 7	SSE	3	b	2	64	57	—
‡London	30.04	64	SW	2	o	29.92	— .15	71	61	+ 12	SSE	3	bc	*	71	56	—
Oxford	30.02	60	S	2	o	29.91	— .14	64	60	+ 5	SSE	1	c	*	64	58	0.01
Cambridge	30.03	63	S	1	c	29.91	— .16	66	62	+ 6	S	1	c	*	67	57	—
‡Yarmouth	30.05	62	S	3	bc	29.99	— .08	62	59	+ 4	SSE	4	b	3	65	56	0.01
The Helder	30.11	62	SSW	1	c	30.06	— .04	65	60	+ 8	SSE	1	b	1	66	59	—
Cape Gris Nez	30.06	60	Z	0	b	29.93	— .16	65	59	?	E	3	b	1	68	57	—
‡Jersey	30.01	65	NE	1	bc	29.88	— .23	65	59	+ 8	SE	1	bem	1	68	56	—
Brest	30.01	60	W	1	o	29.93	— .17	55	54	— 2	N	1	r	2	61	54	—
Lorient	30.02	68	NW	3	c	29.93	— .22	58	56	— 2	N	3	o	1	75	54	—
‡Rochefort	30.01	72	NNW	4	bc	29.94	— .24	65	64	+ 4	S	5	r	2	?	55	—
Biarritz	29.95	70	WSW	1	o	29.91	— .15	71	66	+ 5	W	2	c	0	90	61	0.87
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30.02	— .13	66	57	+ 4	SE	3	b	*	75	57	—
Charleville	? 30.10	71	SW	1	b	? 30.04	— .14	63	55	+ 3	ESE	1	b	*	72	52	—
Paris	30.09	75	S	3	b	29.97	— .24	68	61	+ 3	SE	1	b	*	*	*	—
Lyons	30.01	75	E	1	b	30.04	— .16	64	53	+ 7	SSE	3	b	*	75	54	—
Toulon	30.06	64	SE	3	b	30.07	— .08	65	56	— 3	E	3	b	2	73	57	—

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred. Bangwood, Lith. London

WEATHER CHARTS

for 8 a.m. on Wednesday 24th June 1885.

BAROMETER, WIND & SEA.

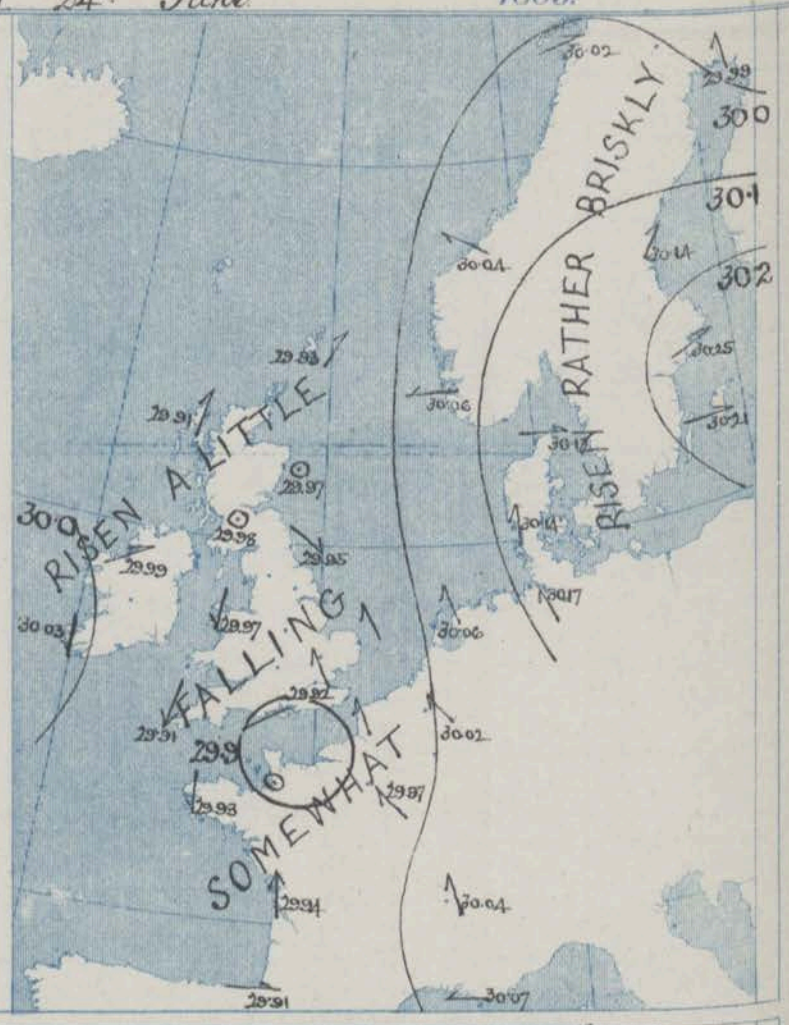
(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⊛⟶ = forces above 10, ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.



MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June:
During the 10 Years 1871—1880.

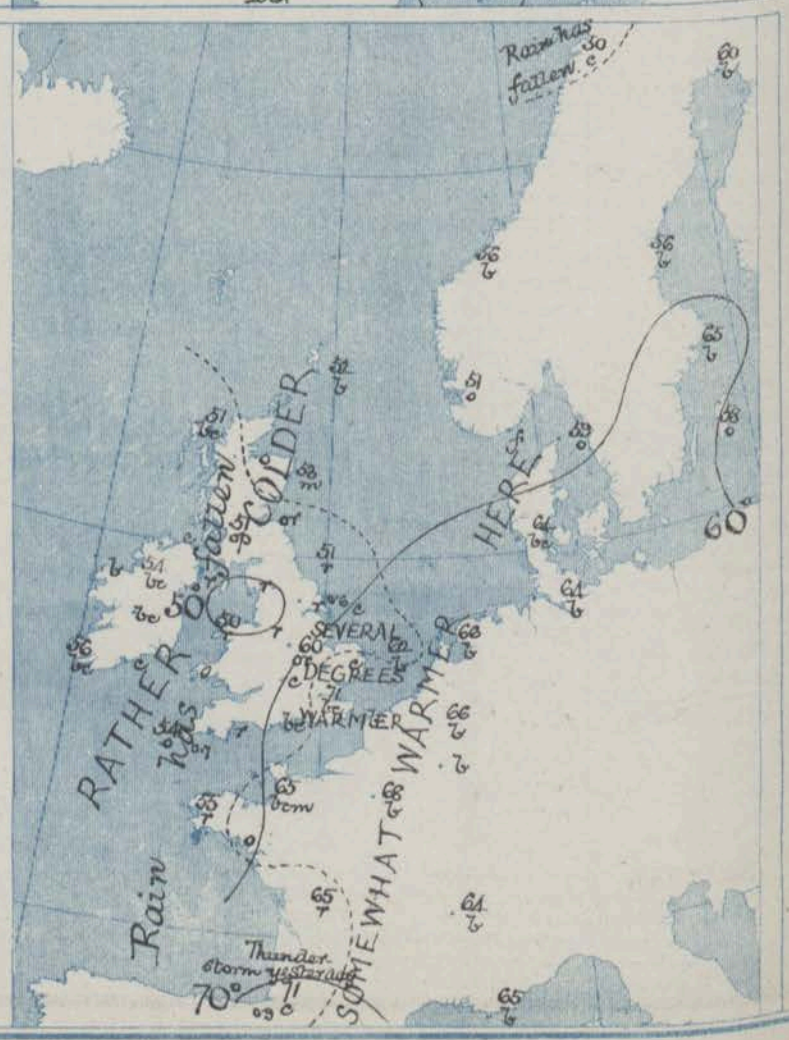
STATIONS.	MEAN READINGS. in.
Sumburgh Head	29·860
Stornoway	29·832
Wick	29·861
Nairn	29·868
Aberdeen	29·876
Leith	29·892
Shields	29·918
York	29·936
Ardrossan	29·895
Donaghadee	29·898
Holyhead	29·929
Liverpool	29·930
Valencia	29·929
Roche's Point	29·929
Pembroke	29·937
Scilly	29·971
Hurst Castle	29·969
Dover	29·962
LONDON	29·963
Oxford	29·953
Cambridge	29·960
Yarmouth	29·956

TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.*



MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches).
Sumburgh Head	54·9	45·5	50·7	49·1	2·04
Stornoway	58·3	46·4	54·2	51·7	3·03
Wick	59·2	46·0	53·3	50·7	1·59
Nairn	62·7	48·4	54·8	50·8	2·00
Aberdeen	61·5	48·2	54·8	51·1	1·87
Leith	65·2	48·4	56·4	53·1	1·96
Shields	61·2	50·1	55·2	51·9	1·76
York	66·5	48·6	56·6	53·2	2·47
Ardrossan	63·1	50·6	55·6	52·1	2·77
Donaghadee	61·4	49·4	55·4	53·3	2·12
Holyhead	62·5	52·1	55·7	53·3	1·98
Liverpool	64·2	51·2	56·9	53·0	1·87
Valencia	62·0	51·3	56·9	53·9	3·52
Roche's Point	66·1	51·5	56·8	53·6	3·36
Pembroke	61·2	51·8	55·4	53·2	2·07
Scilly	61·5	53·4	57·2	55·2	1·89
Hurst Castle	64·1	52·7	58·1	55·9	1·98
Dover	63·8	53·5	59·1	55·5	1·76
LONDON	70·0	50·7	59·5	55·3	2·24
Oxford	67·8	49·1	57·2	53·9	2·22
Cambridge	69·4	49·0	58·1	54·9	2·30
Yarmouth	62·6	51·7	57·2	54·4	2·12

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.

REMARKS.

for Wednesday 24th June 1885, at 8 a.m.

The barometer is now falling somewhat at all the English and French stations, and a small shallow depression is lying over the eastern part of the Channel. Elsewhere, however, the mercury is rising,— the change being greatest in Scandinavia — and an anticyclone is now found over the Baltic. Moderate S^ly or SE^ly breezes are blowing over the North Sea, and the eastern parts of England and France, but on our northwestern coasts the wind is SW^ly; while in the west and southwest moderate N^ly breezes are reported. Rain is falling in the south of Scotland and north of England as well as at Prawle Point and Rochefort but elsewhere the weather is fair. Rain fell yesterday in many parts of our Islands and a thunderstorm occurred at Biarritz. Temperature has fallen a little on our western and northern coasts but risen in the southeast; readings now range from 71° in London to 50° at Nairn and several of our northwestern stations. The sea is moderate at Stornoway and Scilly, slight or smooth elsewhere.

The depression off the south of England seems likely to move slowly northwards, and occasion thundery weather in many parts of Great Britain.

FORECASTS

for the 24 hours ending at NOON on 25th June *1885.*

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S^ly and SW^ly winds, moderate; fair generally.	6 SCOTLAND WEST	Same as N°s 1 and 2.
1 SCOTLAND EAST	Variable airs; dull, some rain, thunder locally.	7 ENGLAND N.W.	N^ly to NW^ly winds, moderate; rainy to fair.
2 ENGLAND N.E.	------- D^o ---------- D^o --------	8 ENGLAND S.W	N^ly winds, moderate; cloudy, some rain.
3 ENGLAND EAST	Same as N° 5.	9 IRELAND NORTH	W^ly and NW^ly winds, moderate; fair generally.
4 MIDLAND COUNTIES	Same as N° 5.	10 IRELAND SOUTH	N^ly and NW^ly winds, moderate, fair generally.
5 ENGLAND SOUTH	SE^ly to variable breezes; weather becoming cloudy and unsettled with thunderstorms in many places.	WARNINGS	None Issued.

Predk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·02	59	53	WSW	2	c	3	Holyhead	30·04	56	54	NNW	2	c	2
Sumburgh Head	29·84	52	49	SSW	4	c	5	Valencia	30·02	56	53	W	3	om	2
Stornoway	29·80	53	49	SSW	6	bcpa	5	Scilly	29·98	61	60	SW	2	f	3
Aberdeen	29·89	60	52	S	4	bc	2	Dungeness	30·10	64	60	WSW	3	c	3
Shields	30·00	53	49	SE	2	c	2	London	30·08	62	59	S	3	o	*
Ardrossan	29·97	56	53	SSE	3	c	2	Yarmouth	30·07	60	58	SSE	4	c	4
Malin Head		No	observations	taken				Jersey	30·07	63	58	S	0	c	0
Mullaghmore	29·95	52	49	WNW	4	cp	3	Rochefort	30·11	75	67	NW	4	b	2
Belmullet	29·92	55	50	WSW	3	c	*								

REMARKS.

The barometer is falling a little on our north-east and south-west coasts, but elsewhere it remains almost stationary. The wind has veered to the W^ly in Ireland, but backed to S. or SE. in the east of England. Showers are falling at Stornoway and Mullaghmore and fog still prevails at Scilly. The sea is rather rough at Sumburgh Head and Stornoway, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Thurs-day 25th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·12	51	S	2	c	30·03	+ ·04	52	49	− 8	E	2	r	*	63	43	0·08
Hernösand	30·10	54	SSW	4	c	30·09	− ·05	59	55	+ 3	SW	2	o	*	64	48	—
Stockholm	30·24	58	Z	0	b	30·23	− ·02	68	58	+ 3	S	2	b	*	75	52	—
Wisby	30·19	58	WSW	4	b	30·16	− ·05	66	60	+ 8	SE	2	b	*	68	52	—
Bodö	30·07	50	Z	0	c	30·01	− ·01	53	50	+ 3	ESE	2	c	1	54	46	—
Christiansund	29·99	50	WNW	1	r	30·14	+ ·08	51	9	− 5	SSW	1	o	3	59	46	0·16
‡Skudesnaes	30·03	51	SSW	2	r	30·04	− ·02	50	49	− 1	NNW	4	r	4	?	50	—
Oxö (Christiansund)	30·10	57	ESE	3	m	30·07	− ·09	56	53	+ 5	ENE	4	m	2	57	?	—
Skagen (The Skaw)	30·12	57	SSE	3	b	30·09	− ·08	58	56	− 1	SSE	2	b	1	63	52	—
Fanö	30·07	60	ESE	6	b	29·99	− ·15	69	64	+ 5	SE	6	b	*	73	57	—
Cuxhaven	30·09	64	ESE	2	b	? 29·42	− ·25	68	65	+ 4	SE	1	b	*	70	59	—
‡Sumburgh Head	29·95	52	W	2	b	30·11	+ ·16	52	50	0	W	2	b	1	56	45	—
‡Stornoway	29·98	56	WSW	4	b	30·17	+ ·26	49	47	− 2	NW	3	b/o	2	59	40	0·09
Wick	30·00	55	SW	2	o	30·16	+ ·21	56	51	0	NW	2	bc	1	61	38	0·07
Nairn	30·00	55	NE	1	bc	30·16	+ ·20	51	47	+ 1	Z	0	c	0	62	46	—
‡Aberdeen	30·00	55	SSE	2	bc	30·14	+ ·17	55	51	+ 2	NNW	2	bc	1	57	44	—
Leith	29·99	50	E	1	o	30·14	+ ·16	60	54	+ 9	NNW	1	b	*	60	48	0·02
‡Shields	30·00	49	N	2	r	30·09	+ ·14	51	50	0	NNE	4	o	4	55	47	0·71
Spurn Head	29·88	54	N	5	o	30·00	+ ·08	53	50	− 7	N	5	ond	3	64	52	0·08
York	29·95	52	N	1	r	30·05	+ ·13	52	50	− 2	N	2	o	*	55	48	0·41
Loughborough	29·91	60	NW	2	r	30·03	+ ·10	51	51	− 9	NNW	3	ogmd	*	67	50	0·29
‡Ardrossan	30·00	50	WNW	3	b	30·15	+ ·17	55	51	+ 4	WNW	2	b	1	59	44	—
Malin Head	30·04	55	NW	2	b	30·20	+ ·23	52	48	+ 1	N	3	b	3	58	49	—
‡Mullaghmore	30·04	55	NW	5	bv	30·21	+ ·22	55	50	+ 1	NNE	5	bcv	2	57	50	—
‡Belmullet	30·05	54	W	2	b	30·24	+ ·27	54	50	+ 1	ENE	3	bc	0	57	48	—
Donaghadee	29·99	52	N	3	bc	30·17	+ ·15	53	51	+ 3	N	4	b	2	58	46	0·04
Barrow-in-Furness	29·92	54	N	2	o	30·06	+ ·11	53	50	+ 3	NNE	3	b	*	56	49	0·14
Liverpool (Bidston)	29·96	53	NW	2	r	30·08	+ ·16	53	50	+ 3	N	1	o	3	55	50	0·14
‡Holyhead	30·00	53	N	4	bc	30·12	+ ·15	53	51	+ 3	N	5	b	4	54	50	0·02
Parsonstown	30·03	60	NW	1	c	?	?	53	49	+ 2	NNE	1	b	*	63	40	—
‡Valencia	30·07	56	N	4	b	30·22	+ ·19	55	50	− 1	NE	4	bc	5	60	47	—
Roche's Point	30·01	55	SSE	2	d	30·15	+ ·17	55	50	+ 2	NNE	4	b	3	60	48	—
Pembroke	29·95	53	NNW	5	o	30·07	+ ·15	53	50	+ 2	N	5	c	3	56	50	—
‡Scilly	29·95	55	N	5	c	30·00	+ ·09	55	53	+ 1	NNE	7	o	6	55	52	—
Prawle Point	29·90	55	W	1	f	29·99	+ ·08	55	55	− 2	NNE	3	r	1	59	53	0·07
Hurst Castle	29·87	62	NNE	2	c	29·97	+ ·08	58	55	− 3	NNE	2	m	2	70	56	0·09
‡Dungeness	29·84	64	ESE	2	b	29·90	− ·06	61	54	− 3	N	2	c	1	70	57	—
‡London	29·83	74	SW	2	o	29·96	+ ·04	58	55	− 13	NW	2	o	*	82	57	0·14
Oxford	29·92	57	N	1	r	30·00	+ ·09	53	51	− 11	NW	3	o	*	73	51	0·25
Cambridge	29·88	64	NNW	1	o	29·97	+ ·06	56	55	− 10	N	1	o	*	81	54	0·17
‡Yarmouth	29·88	65	SE	2	b	29·90	− ·09	60	57	− 2	NNW	4	c	4	66	54	—
The Helder	29·91	69	ESE	1	b	29·89	− ·17	69	65	+ 4	SE	1	bc	1	75	59	—
Cape Gris Nez				0													
‡Jersey	29·89	57	NNW	3	ogm	29·94	+ ·06	59	58	− 6	NE	2	ogm	2	67	53	0·04
Brest	29·91	58	Z	0	m	29·95	+ ·02	53	53	− 2	NNE	4	f	3	59	52	0·08
Lorient	29·93	59	Z	0	0	29·95	+ ·02	58	57	0	E	3	o	1	72	52	0·12
‡Rochefort	29·97	65	WNW	4	c	29·98	+ ·04	60	59	− 5	ESE	4	r	2	?	55	0·08
Biarritz	29·88	64	N	3	b	29·88	− ·03	66	62	− 5	E	4	b	1	72	57	0·34
Coruna	*	*	*	*	*												
‡‡Brussels	*	*	*	*	*	29·89	− ·13	73	64	+ 7	S	1	b	*	87	67	—
Charleville	? 29·89	77	SE	1	b	? 29·92	− ·12	67	60	+ 4	SW	1	b	*	79	54	—
Paris	29·85	76	SSE	1	b	29·95	− ·02	70	62	+ 2	SW	3	bc	*	*	*	—
Lyons	29·89	78	SSE	5	b	29·99	− ·05	64	56	0	SE	1	b	*	84	57	—
Toulon	30·02	72	SE	1	bc	30·03	− ·04	63	58	− 2	Z	0	m	1	77	55	—

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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‡ Received too late for insertion in chart

Fred. Bingham, Printer, London

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for 8 a.m. on Thursday 25th June 1885.

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(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⟶ = forces above 10, ⟶ = forces 8 to 10;
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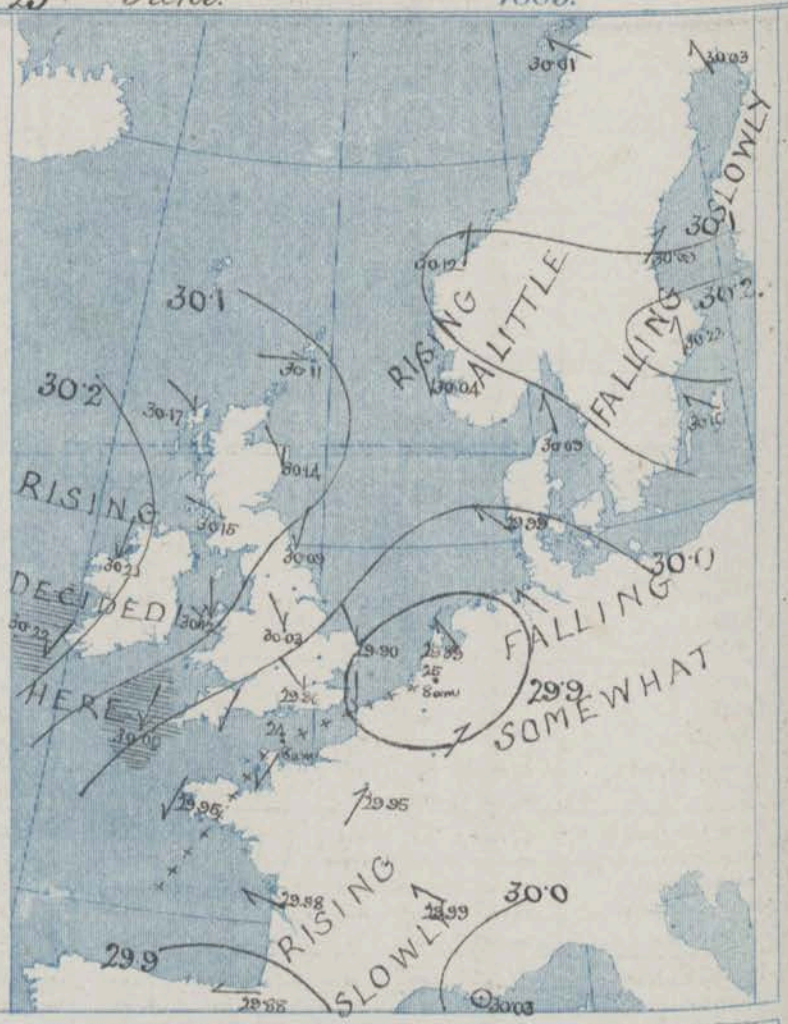
= Rough. = High.



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at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

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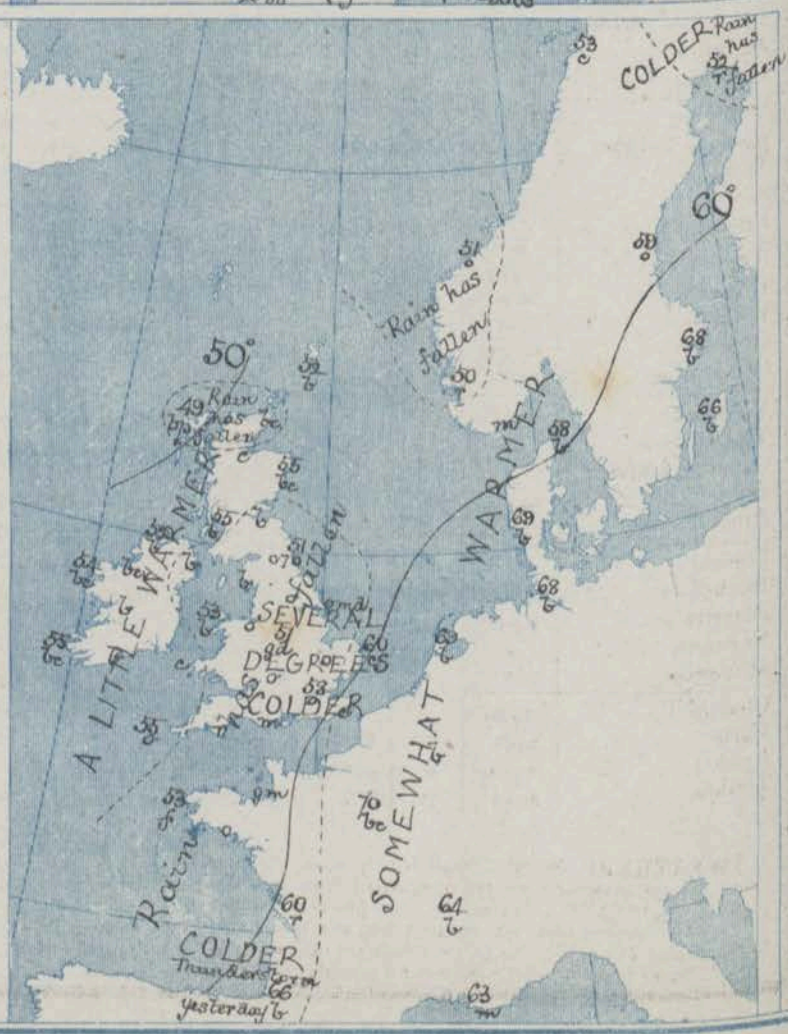
Ardrossan	29·895
Donaghadee	29·898
Holyhead	29·929
Liverpool	29·930
Valencia	29·929
Roche's Point	29·929
Pembroke	29·937
Scilly	29·971
Hurst Castle	29·969
Dover	29·962
LONDON	29·963
Oxford	29·953
Cambridge	29·960
Yarmouth	29·956

TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

Rainfall *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.*



MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches).
Sumburgh Head	54·9	45·5	50·7	49·1	2·04
Stornoway	58·3	46·4	54·2	51·7	3·03
Wick	59·2	46·0	53·3	50·7	1·59
Nairn	62·7	48·4	54·8	50·8	2·00
Aberdeen	61·5	48·2	54·8	51·1	1·87
Leith	65·2	48·4	56·4	53·1	1·96
Shields	61·2	50·1	55·2	51·9	1·76
York	66·5	48·6	56·6	53·2	2·47
Ardrossan	63·1	50·6	55·6	52·1	2·77
Donaghadee	61·4	49·4	55·4	53·3	2·12
Holyhead	62·5	52·1	55·7	53·3	1·98
Liverpool	64·2	51·2	56·9	53·0	1·87
Valencia	62·0	51·3	56·9	53·9	3·52
Roche's Point	66·1	51·5	56·8	53·6	3·36
Pembroke	61·2	51·8	55·4	53·2	2·07
Scilly	61·5	53·4	57·2	55·2	1·89
Hurst Castle	64·1	52·7	58·1	55·9	1·98
Dover	63·8	53·5	59·1	55·5	1·76
LONDON	70·0	50·7	59·5	55·3	2·24
Oxford	67·8	49·1	57·2	53·9	2·22
Cambridge	69·4	49·0	58·1	54·9	2·30
Yarmouth	62·6	51·7	57·2	54·4	2·12

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.

REMARKS.

for Thursday 25th June 1885, at 8 a.m.

The shallow depression which reached our southern coasts from the Bay of Biscay yesterday morning has since moved in an eastnortheasterly direction and has its centre now over Holland. In the mean time the barometer has begun to rise quickly in the west and a large anticyclone appears to be approaching our Islands from the westward. The wind has consequently veered to the N. almost all over the Kingdom, and, though light to moderate generally, blows strongly at the mouth of the Channel. Temperature has fallen quickly over our southeastern and south midland Counties; in London this morning's reading is 13° lower than that of yesterday. The maximum temperature in London yesterday was 82°. A great deal of rain fell in the northeast of England yesterday. Dull weather now prevails over England with rain at times over the southern and eastern Counties, but in Ireland and Scotland the weather is still fine and bright. The sea is rather rough in the southwest, moderate in the west, smooth elsewhere.

As the depression in the southeast passes off the new high-pressure area in the west will probably spread over this country and the weather clear up.

ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 20th inst. in Long: 48° to 52° W.

FORECASTS

for the 24 hours ending at NOON on 26th June 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NWly breezes, light; fair to showery.	6 SCOTLAND WEST	NWly winds, light; fair.
1 SCOTLAND EAST	---------- D° ---------- D° ----------	7 ENGLAND N.W.	---------- D° ---------- D° ----------
2 ENGLAND N.E.	Nly and NWly breezes, moderate or light; dull and rainy at first, then improving slowly.	8 ENGLAND S.W	Same as No. 5.
3 ENGLAND EAST	---------- D° ---------- D° ----------	9 IRELAND NORTH	Nly breezes, perhaps veering to NEly, light to moderate; fine.
4 MIDLAND COUNTIES	---------- D° ---------- D° ----------	10 IRELAND SOUTH	---------- D° ---------- D° ----------
5 ENGLAND SOUTH	Nly breezes, light; dull and showery, then clearing, cool at night.	WARNINGS	None Issued.

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnues	29·97	53	52	E	2	r	3	Holyhead	29·99	54	52	NNW	3	c	2
Sumburgh Head	29·95	54	48	W	2	c	1	Valencia	30·00	59	57	NNW	3	b	3
Stornoway	29·95	58	50	SW	4	bc	3	Scilly	29·95	55	54	N	5	c	?
Aberdeen	29·98	53	48	SSE	1	o	1	Dungeness	29·88	68	63	E	1	b	1
Shields	29·98	49	45	N	2	r	2	London	29·85	79	62	SE	2	b	*
Ardrossan	29·99	56	54	SW	1	c	0	Yarmouth	29·93	64	60	SSE	3	b	3
Malin Head	30·02	57	52	NW	2	b	2	Jersey	29·89	58	57	N	3	o	3
Mullaghmore	30·02	56	50	WNW	4	bv	2	Rochefort	29·97	68	62	WNW	5	o	2
Belmullet	30·02	55	48	WNW	3	b	*								

REMARKS.

The barometer continues to fall in the south east of England, but is rising a little at all our western and northern stations. Very little change is shown in the winds. At Shields, where there is a N. breeze and rain temperature is 30° lower than in London. The sea is slight or smooth on all coasts.

The Subscription for these Reports, forwarded by book post is £1_ per annum, payable in advance.

DAILY WEATHER REPORT

for Friday 26th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·08	49	S	2	r	30·02	− ·01	56	49	+ 4	NW	4	bc	*	61	46	0·12
Hernösand	30·02	56	Z	0	b	30·17	+ ·05	52	50	− 7	N	2	c	*	66	50	—
Stockholm	30·15	62	S	2	b	30·07	− ·16	74	67	+ 8	SSW	2	b	*	79	52	—
Wisby	30·08	66	S	4	b	30·02	− ·14	67	60	+ 1	SSE	2	b	*	81	50	—
Bodö	30·04	50	WSW	5	bc	30·17	+ ·16	47	45	− 6	WSW	4	c	3	55	42	0·12
Christiansund	30·18	51	W	1	bc	30·20	+ ·08	51	48	0	NE	4	c	2	52	45	—
‡Skudesnaes	30·08	50	NNW	6	r	30·08	+ ·04	51	49	+ 1	NW	8	c	4	?	50	—
Oxö (Christiansund)	29·99	62	ENE	1	bc	29·97	− ·10	57	55	+ 2	SW	2	m	1	64	55	—
Skagen (The Skaw)	30·01	61	SSE	2	b	29·98	− ·11	61	59	+ 3	S	2	c	1	73	57	—
Fanö	29·97	68	Z	0	bc	30·00	+ ·01	62	60	− 7	NW	4	c	*	86	61	—
Cuxhaven	29·99	69	ESE	1	b	29·96	+ ·04	71	69	+ 3	N	1	b	*	75	?	—
‡Samburgh Head	30·20	51	NW	3	b	30·27	+ ·16	50	46	− 2	NW	3	b	3	55	42	—
‡Stornoway	30·29	52	SSE	1	c	30·30	+ ·16	50	49	+ 1	SSE	3	c	2	59	39	—
Wick	30·26	55	N	3	b	30·33	+ ·17	55	49	0	Z	0	b	0	60	35	—
Nairn	30·25	56	W	1	b	30·34	+ ·18	54	48	+ 3	Z	0	b	0	62	43	0·02
‡Aberdeen	30·23	56	ENE	1	b	30·33	+ ·19	54	48	− 1	NNW	1	bc	1	60	42	—
Leith	30·22	55	SE	1	b	30·30	+ ·19	59	53	− 1	N	1	b	*	62	43	—
‡Shields	30·20	55	NNE	1	b	30·32	+ ·22	54	52	+ 3	NNE	2	bc	4	57	44	—
Spurn Head	30·11	52	N	6	o	30·26	+ ·26	53	51	0	N	6	b	5	58	50	0·05
York	30·17	55	N	2	o	30·31	+ ·26	55	50	+ 3	N	3	b	*	59	43	—
Loughborough	30·14	53	N	4	o	30·25	+ ·25	53	50	+ 2	NNE	5	cm	*	54	48	0·05
‡Ardrossan	30·20	58	WNW	4	b	30·34	+ ·19	54	51	− 1	S	1	bm	1	61	44	—
Malin Head	30·28	53	N	4	b	30·37	+ ·17	53	49	+ 1	NNW	2	b	2	55	48	—
‡Mullaghmore	30·29	56	N	5	bv	30·37	+ ·17	54	49	− 1	N	1	c	2	58	43	—
‡Belmullet	30·32	54	NNE	4	bc	30·25	+ ·14	54	49	0	N	2	bc	8	57	45	—
Donaghadee	30·25	55	NNE	6	b	30·37	+ ·20	53	52	0	NNE	3	b	1	58	47	—
Barrow-in-Furness	30·15	60	NE	2	bc	30·29	+ ·23	51	48	− 2	NE	2	b	*	62	45	—
Liverpool (Bidston)	30·17	57	NW	1	o	30·32	+ ·24	56	48	+ 3	NNE	2	b	3	60	45	—
‡Holyhead	30·19	54	N	5	c	30·23	+ ·21	57	52	+ 4	ENE	4	b	3	57	48	—
Parsonstown	30·25	61	NNE	1	b	?	?	51	48	− 2	NNE	1	b	*	63	38	—
‡Valencia	30·28	58	N	3	b	30·37	+ ·15	54	49	− 1	NE	4	bc	4	64	45	—
Roche's Point	30·24	62	NNE	3	b	30·31	+ ·16	57	52	+ 2	N	1	b	3	65	51	—
Pembroke	30·14	56	N	5	b	30·26	+ ·19	56	49	+ 3	ENE	3	b	1	58	51	—
‡Scilly	30·09	55	NNE	7	c	30·17	+ ·17	56	54	+ 1	NE	5	c	5	56	53	—
Prawle Point	30·04	62	NNE	2	o	30·18	+ ·19	53	50	− 2	NE	4	o	3	60	55	—
Hurst Castle	30·04	58	NE	5	c	30·18	+ ·21	54	53	− 4	NE	4	c	3	62	52	—
‡Dungeness	29·98	66	NNE	3	b	30·11	+ ·21	56	55	− 5	NE	5	c	4	69	55	—
‡London	30·07	56	NNW	4	o	30·20	+ ·24	53	50	− 5	NNE	3	o	*	58	51	—
Oxford	30·14	52	NNW	3	r	30·22	+ ·22	52	49	− 1	N	4	o	*	54	50	0·15
Cambridge	30·10	53	N	3	o	30·22	+ ·23	53	50	− 3	N	3	o	*	59	52	—
‡Yarmouth	30·04	56	N	5	og	30·15	+ ·25	53	52	− 7	NNE	6	cq	5	62	51	—
The Helder	29·94	68	NNE	1	b	30·00	+ ·17	55	?	− 14	?	4	f	3	75	55	—
Cape Gris Nez																	
‡Jersey	29·99	60	NE	3	om	30·09	+ ·15	55	54	− 4	NE	4	om	3	65	54	—
Brest	29·98	64	NE	5	o	30·07	+ ·12	55	54	+ 2	ENE	5	m	3	66	52	—
Lorient	29·99	63	N	1	o	30·01	+ ·06	58	57	0	NE	5	m	2	68	54	0·20
‡Rochefort	29·95	70	NNE	4	b	30·00	+ ·02	64	63	+ 4	ENE	4	r	2	?	59	—
Biarritz	29·91	65	Z	0	r	29·92	+ ·04	64	62	− 2	N	3	o	2	75	50	1·34
Coruña	*	*	*	*	*												
Brussels	*	*	*	*	*	30·44	+ ·15	61	59	− 12	NNW	3	o	*	84	57	0·04
Charleville	? 29·91	77	NW	5	b	30·00	+ ·08	66	60	− 1	ENE	5	b	*	90	61	—
Paris	29·96	78	SW	3	o	30·04	+ ·09	61	59	− 9	N	4	bc	*	*	*	—
Lyons	29·86	80	SSE	4	b	29·95	− ·01	68	59	+ 4	SE	3	c	*	86	59	—
Toulon	30·01	70	W	3	c	30·03	·00	63	55	0	?	1	o	2	75	59	—

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Friday, 26th June 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

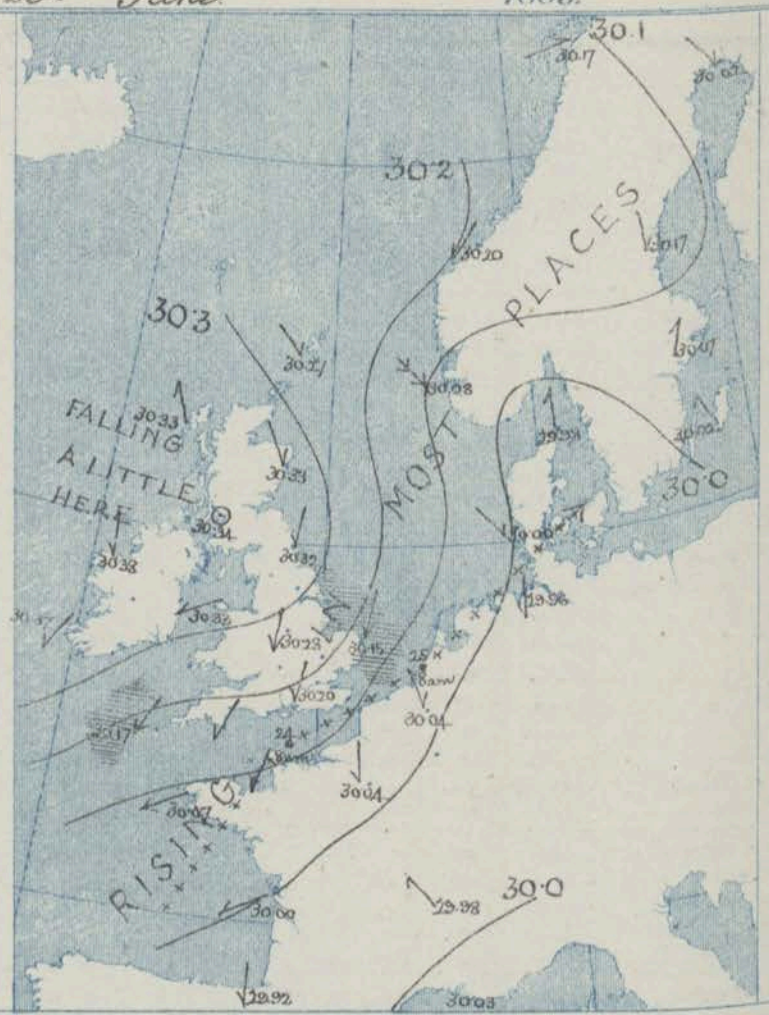
= forces above 10, = forces 8 to 10;
= forces 5 to 7; = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable, is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

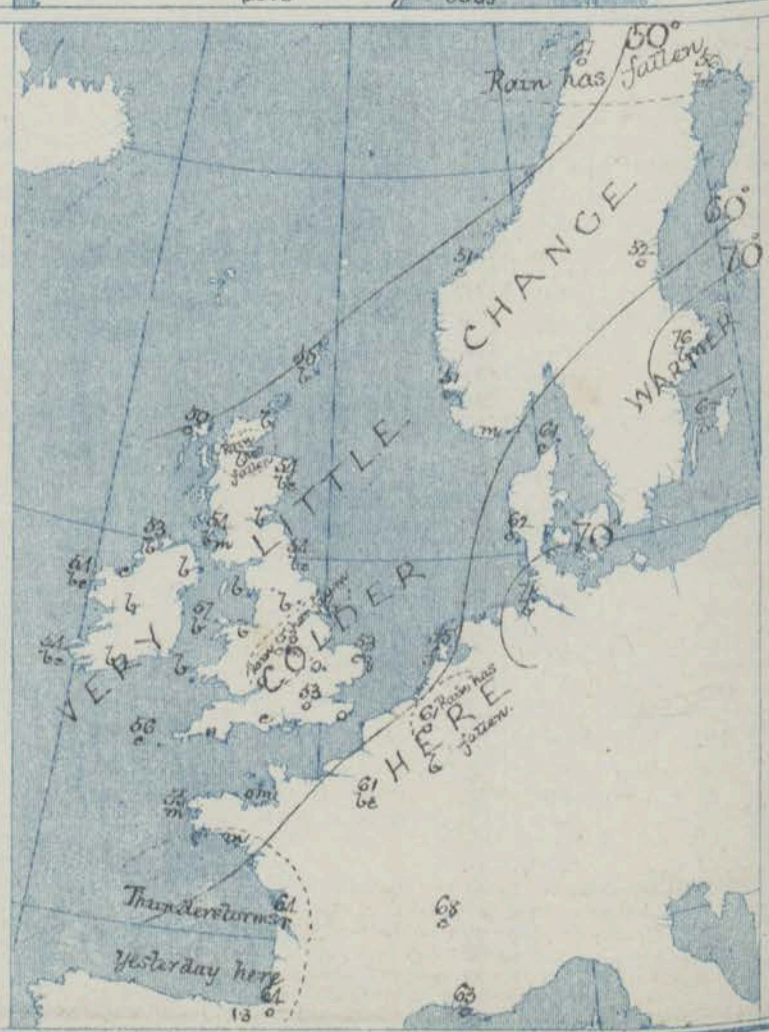
Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*
Weather is shown by Letters of the Beaufort Scale.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches).
Sumburgh Head	54 · 9	45 · 5	50 · 7	49 · 1	2 · 04
Stornoway	58 · 3	46 · 4	54 · 2	51 · 7	3 · 03
Wick	59 · 2	46 · 0	53 · 3	50 · 7	1 · 59
Nairn	62 · 7	48 · 4	54 · 8	50 · 8	2 · 00
Aberdeen	61 · 5	48 · 2	54 · 8	51 · 1	1 · 87
Leith	65 · 2	48 · 4	56 · 4	53 · 1	1 · 96
Shields	61 · 2	50 · 1	55 · 2	51 · 9	1 · 76
York	66 · 5	48 · 6	56 · 6	53 · 2	2 · 47
Ardrossan	63 · 1	50 · 6	55 · 6	52 · 1	2 · 77
Donaghadee	61 · 4	49 · 4	55 · 4	53 · 3	2 · 12
Holyhead	62 · 5	52 · 1	55 · 7	53 · 3	1 · 98
Liverpool	64 · 2	51 · 2	56 · 9	53 · 0	1 · 87
Valencia	62 · 0	51 · 3	56 · 9	53 · 9	3 · 52
Roche's Point	66 · 1	51 · 5	56 · 8	53 · 6	3 · 36
Pembroke	61 · 2	51 · 8	55 · 4	53 · 2	2 · 07
Scilly	61 · 5	53 · 4	57 · 2	55 · 2	1 · 89
Hurst Castle	64 · 1	52 · 7	58 · 1	55 · 9	1 · 98
Dover	63 · 8	53 · 5	59 · 1	55 · 5	1 · 76
LONDON	70 · 0	50 · 7	59 · 5	55 · 3	2 · 24
Oxford	67 · 8	49 · 1	57 · 2	53 · 9	2 · 22
Cambridge	69 · 4	49 · 0	58 · 1	54 · 9	2 · 30
Yarmouth	62 · 6	51 · 7	57 · 2	54 · 4	2 · 12

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Friday 26th June 1885, at 8 a.m.

The depression which lay over Holland yesterday has moved away to eastern Denmark and a large anticyclone in which readings exceed 30.3 ins. now covers Ireland, Scotland and the north of England. The barometer is consequently rising in most places, but a slight fall has set in on our extreme northwest coasts since 10 pm. Light S'ly breezes prevail in the south of Sweden as well as in the Hebrides, but elsewhere the wind is N'ly or NE'ly and in the east of England it blows strongly. The weather is cloudy over central and southern England as well as in the west and south of France, but elsewhere the sky is clear or nearly so. A little rain fell in the east of England yesterday and thunderstorms occurred at Rochefort and Biarritz. Temperature has again fallen in the southeast, and readings over our Islands now range from 59° at Leith to 51° at Parsonstown and 50° at Lindisfarne Head and Stornoway. The maximum in London yesterday was only 58° or 24° lower than on the previous day. The sea is rather rough off the east of England as well as at Scilly, moderate to smooth elsewhere.

No important change is likely, but over the southeast of England the sky will probably clear.

ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 20th and 21st inst between Long: 45° and 52° W.

FORECASTS

for the 24 hours ending at NOON on 27th June 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Variable or W'ly breezes; fair generally.	6 SCOTLAND WEST	Light variable airs; fine generally.
1 SCOTLAND EAST	N'ly winds light; fine generally.	7 ENGLAND N.W.	NE'ly winds, moderate; fine generally.
2 ENGLAND N.E.	Same as No. 5	8 ENGLAND S.W	NE'ly and E'ly winds, moderate or fresh; fair generally
3 ENGLAND EAST	Same as No. 5.	9 IRELAND NORTH	Same as No. 6.
4 MIDLAND COUNTIES	Same as No. 5.	10 IRELAND SOUTH	Same as No. 8.
5 ENGLAND SOUTH	N'ly and NE'ly winds, moderate or fresh; fair generally	WARNINGS	None Issued

Fredk Dangerfield, Lith. London, (131)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·06	50	48	NNW	8	o	3	Holyhead	30·17	54	52	N	5	b	5
Sumburgh Head	30·17	50	49	W	3	b	2	Valencia	30·26	60	53	N	5	bc	5
Stornoway	30·24	58	50	NNW	4	b	3	Scilly	30·06	55	53	NNE	7	c	p
Aberdeen	30·20	58	52	E	2	b	1	Dungeness	29·96	68	64	NNE	3	o	1
Shields	30·16	56	54	N	4	b	4	London	30·03	68	55	NNW	2	o	*
Ardrossan	30·18	61	56	WNW	4	b	3	Yarmouth	29·98	60	57	N	4	bc	4
Malin Head	30·23	54	49	N	4	b	3	Jersey	29·98	62	59	NE	3	o	3
Mullaghmore	30·20	57	52	NNE	5	bv	3	Rochefort	29·97	73	68	NNE	4	b	2
Belmullet	30·29	56	51	NE	4	b	*								

REMARKS.

The barometer continues to rise at all stations excepting Rochefort, but no important change is shown in the wind. The weather is fine in most places, but in London the sky remains densely overcast and temperature is 24° lower than at the same hour yesterday. The sea is rough at Scilly, rather rough at Holyhead, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Saturday 27th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·05	55	Z	0	b	30·11	+ ·09	58	50	+ 2	S	2	b	*	63	46	—
Hernösand ...	30·12	50	N	2	r	30·15	— ·02	54	48	+ 2	N	4	b	*	57	50	0·35
Stockholm ...	30·00	68	Z	0	b	30·08	+ ·01	55	50	— 21	N	4	b	*	56	?	—
Wisby	30·01	63	N	4	bc	29·95	— ·07	58	55	— 9	NNE	6	o	*	77	52	—
Bodö	30·19	50	WSW	2	c	30·10	— ·07	49	47	+ 2	WSW	2	o	2	?	41	—
Christiansund...	30·19	52	NNE	1	b	30·16	— ·04	52	49	+ 1	W	1	b	1	55	43	—
‡Skudesnaes ...	30·15	49	NW	5	b	30·23	+ ·15	50	47	— 1	NNW	6	c	3	54	45	—
Oxö (Xtiansund)	30·05	58	ENE	4	c	30·17	+ ·20	58	54	+ 1	N	1	c	2	64	55	—
Skagen (The Skaw)	30·02	57	NW	2	f	30·09	+ ·11	56	54	— 5	N	4	o	3	70	54	—
Fanö	30·12	51	NW	6	b	30·13	+ ·13	56	53	— 6	N	6	o	*	68	50	—
Cuxhaven ..	30·01	57	N	5	bc	30·17	+ ·21	57	55	— 14	NNW	5	bc	*	?	55	0·22
‡Sumburgh Head	30·27	51	W	2	c	30·19	— ·08	51	51	+ 1	WSW	4	m	3	55	47	0·01
‡Stornoway ...	30·30	53	SSW	5	o	30·28	— ·05	59	57	+ 9	SSW	4	c	3	59	49	—
Wick	30·30	57	S	1	b	30·28	— ·05	62	58	+ 7	S	1	c	0	62	50	—
Nairn	30·23	62	ENE	1	f	30·28	— ·06	63	57	+ 9	NNW	1	c	1	66	53	—
‡Aberdeen... ...	30·31	56	SE	1	b	30·30	— ·03	62	56	+ 8	Z	0	c	1	62	45	—
Leith ...	30·27	60	ENE	1	b	30·32	— ·01	60	53	+ 1	W	1	c	*	63	48	—
‡Shields	30·32	52	E	2	b	30·33	+ ·01	57	54	+ 3	Z	0	m	3	62	41	—
Spurn Head ...	30·31	55	NNE	4	b	30·34	+ ·05	54	51	+ 1	NNE	3	b	3	56	47	—
York	30·34	59	N	3	b	30·36	+ ·05	51	48	— 4	ESE	1	b	*	63	38	—
Loughborough	30·30	61	NNE	4	bc	30·36	+ ·05	51	48	— 2	NE	3	cmr	*	65	38	—
‡Ardrossan ...	30·32	55	W	2	c	30·35	+ ·01	57	53	+ 3	WNW	2	c	1	63	49	—
Malin Head ...	30·37	53	WNW	3	m	? 30·36	— ·01	53	52	0	SW	3	m	2	57	49	—
‡Mullaghmore ...	30·35	54	NNW	4	cm	30·37	— ·01	53	52	— 1	WSW	1	o	2	59	49	0·01
‡Belmullet ...	30·39	53	NNW	2	o	30·36	— ·02	56	54	+ 2	S	1	o	*	56	50	0·03
Donaghadee ...	30·37	55	NE	3	bc	30·39	+ ·02	52	51	— 1	NE	3	o	1	61	48	—
Barrow-in-Furness	30·28	61	NW	4	b	30·32	+ ·03	52	50	+ 1	ESE	1	b	*	62	49	—
Liverpool (Bidston)	30·30	60	NNW	2	b	30·34	+ ·02	57	49	+ 1	SE	1	b	2	64	49	—
‡Holyhead ...	30·34	54	NNW	2	b	30·35	+ ·02	60	56	+ 3	NNW	2	b	2	60	48	—
Parsonstown ...	30·35	64	NNW	1	c	? 30·38	?	59	53	+ 8	NE	1	b	*	67	50	—
‡Valencia	30·35	59	NNW	3	c	30·35	— ·02	62	56	+ 8	N	2	bc	2	63	53	—
Roche's Point ..	30·35	61	SSE	2	b	30·32	+ ·01	59	52	+ 2	ENE	2	b	3	64	47	—
Pembroke ...	30·25	57	N	5	b	30·38	+ ·12	59	50	+ 1	ENE	4	b	2	62	? 49	—
‡Scilly	30·19	57	NNE	6	bc	30·20	+ ·03	55	51	— 1	ENE	5	c	3	59	52	—
Prawle Point ...	30·20	57	NE	3	c	30·23	+ ·05	54	50	+ 1	NE	5	b	5	61	49	—
Hurst Castle ...	30·21	60	NE	4	c	30·26	+ ·08	56	54	+ 2	ENE	4	b	2	60	47	—
‡Dungeness ...	30·19	57	NE	3	c	? 30·24	+ ·13	58	55	+ 2	ENE	4	bc	3	? 58	53	—
‡London	30·24	60	NNE	3	o	30·29	+ ·09	59	51	+ 4	E	3	b	*	62	46	—
Oxford	30·28	52	NNE	5	b	30·33	+ ·11	53	50	+ 1	NE	4	bc	*	60	44	—
Cambridge ...	30·27	60	N	2	b	30·32	+ ·10	54	50	+ 1	N	1	b	*	63	39	—
‡Yarmouth ...	30·24	57	NNE	5	bcy	30·30	+ ·15	55	51	+ 2	NE	4	bc	4	60	50	—
The Helder ...																	
Cape Gris Nez...																	
‡Jersey	30·13	56	ENE	5	o	30·15	+ ·06	56	54	+ 1	ENE	5	ofm	4	58	53	—
Brest	30·08	58	E	7	m	30·09	+ ·02	55	54	0	E	5	o	4	63	54	—
Lorient	30·06	60	NE	5	c	30·09	+ ·03	57	55	— 1	E	7	c	3	64	52	—
‡Rochefort ...	30·01	72	NW	8	c	30·06	+ ·06	66	64	+ 2	ENE	5	o	2	?	57	0·12
Biarritz	29·91	72	NE	5	b	29·97	+ ·05	68	66	+ 4	E	3	c	1	77	? 63	0·49
Corunna	*	*	*	*	*									*			
Brussels	*	*	*	*	*												
Charleville ...	? 30·05	68	E	4	c	? 30·14	+ ·14	62	59	— 4	ENE	1	c	*	78	60	—
Paris	30·07	67	NNE	4	o	30·7	+ ·13	60	58	— 1	N	4	c	*	*	*	—
Lyons	29·95	81	SE	1	b	30·04	+ ·06	71	61	+ 3	ESE	1	b	*	86	59	—
Toulon	30·04	68	W	4	bc	29·99	— ·04	72	62	+ 9	N	3	b	2	87	63	—

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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Fred^k Hangerfield Lith London

WEATHER CHARTS

for 8 a.m. on Saturday 27th June 1885.

BAROMETER, WIND & SEA.

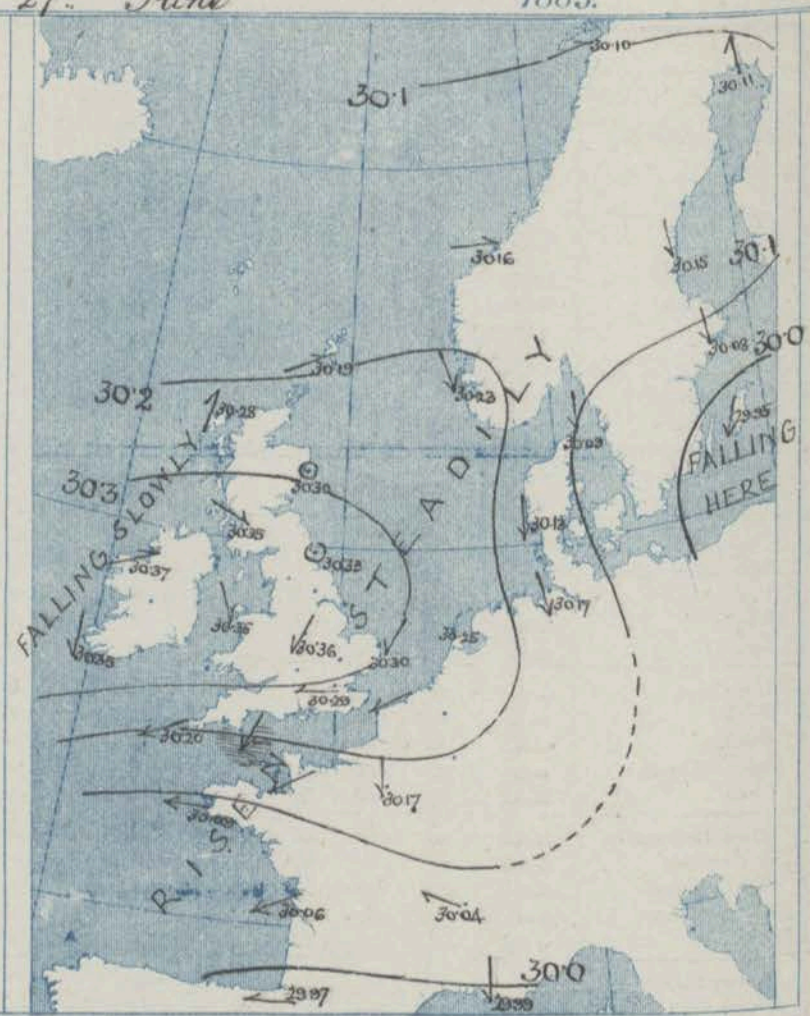
(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⟶ = forces above 10; ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.



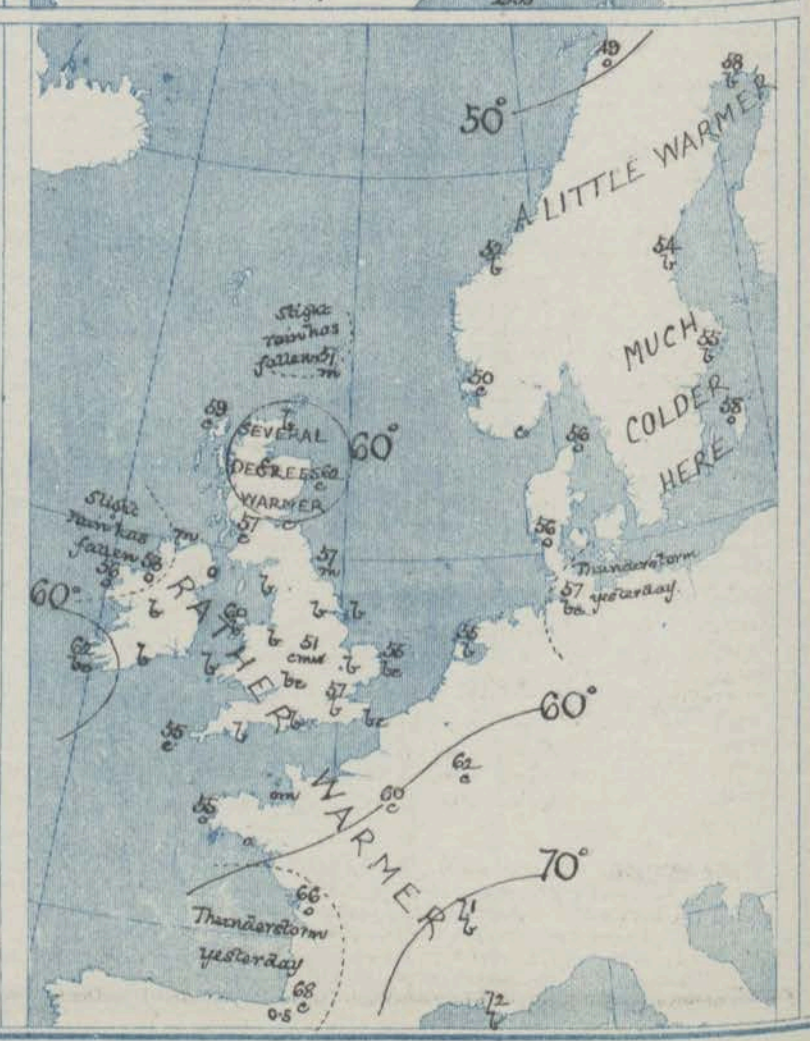
MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956

TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*
Weather is shown by Letters of the Beaufort Scale.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.



MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	Wet.	RAINFALL (Inches).
Sumburgh Head	54 · 9	45 · 5	50 · 7	49 · 1	2 · 04
Stornoway	58 · 3	46 · 4	54 · 2	51 · 7	3 · 03
Wick	59 · 2	46 · 0	53 · 3	50 · 7	1 · 59
Nairn	62 · 7	48 · 4	54 · 8	50 · 8	2 · 00
Aberdeen	61 · 5	48 · 2	54 · 8	51 · 1	1 · 87
Leith	65 · 2	48 · 4	56 · 4	53 · 1	1 · 96
Shields	61 · 2	50 · 1	55 · 2	51 · 9	1 · 76
York	66 · 5	48 · 6	56 · 6	53 · 2	2 · 47
Ardrossan	63 · 1	50 · 6	55 · 6	52 · 1	2 · 77
Donaghadee	61 · 4	49 · 4	55 · 4	53 · 3	2 · 12
Holyhead	62 · 5	52 · 1	55 · 7	53 · 3	1 · 98
Liverpool	64 · 2	51 · 2	56 · 9	53 · 0	1 · 87
Valencia	62 · 0	51 · 3	56 · 9	53 · 9	3 · 52
Roche's Point	66 · 1	51 · 5	56 · 8	53 · 6	3 · 36
Pembroke	61 · 2	51 · 8	55 · 4	53 · 2	2 · 07
Scilly	61 · 5	53 · 4	57 · 2	55 · 2	1 · 89
Hurst Castle	64 · 1	52 · 7	58 · 1	55 · 9	1 · 98
Dover	63 · 8	53 · 5	59 · 1	55 · 5	1 · 76
LONDON	70 · 0	50 · 7	59 · 5	55 · 3	2 · 24
Oxford	67 · 8	49 · 1	57 · 2	53 · 9	2 · 22
Cambridge	69 · 4	49 · 0	58 · 1	54 · 9	2 · 30
Yarmouth	62 · 6	51 · 7	57 · 2	54 · 4	2 · 12

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.

REMARKS.

for Saturday 27th June 1885, at 8 a.m.

The anticyclone noticed over Ireland and Scotland yesterday has extended over the greater part of England; and the barometer has continued to rise steadily on all but our extreme western and northern coasts, where a slight fall has set in during the night. Light or moderate breezes from SW or W are reported in Scotland and strong NWly or Nly breezes on the eastern shores of the North Sea, but on our southern and the French coasts the wind is NEly or Ely. The weather is dull in the north of Ireland and west of France, but fair or fine elsewhere. Slight showers fell yesterday at Lumburgh Hd, Belmullet and Mullaghmore, and thunderstorms occurred at Cuxhaven and Biarritz. Temperature has risen a little in our Islands and France, but fallen on the eastern shores of the North Sea; readings now range from 63° at Naarm to 51° at Lumburgh Head and Yark. The sea is rather rough at Prawle Point, moderate to smooth elsewhere.

No important change in the weather is probable beyond a steady rise of temperature over England.

ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 23rd inst in Long: 52° W.

FORECASTS

for the 24 hours ending at NOON on 28th June *1885.*

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SWly and Wly winds, moderate or fresh; cloudy, some rain.	6 SCOTLAND WEST	Same as No. 1.
1 SCOTLAND EAST	Wly winds, light; fair generally.	7 ENGLAND N.W.	Variable airs; fine, warmer.
2 ENGLAND N.E.	Variable or NEly airs; fine, warmer.	8 ENGLAND S.W	Same as Nos 3 to 5.
3 ENGLAND EAST	Same as No. 5.	9 IRELAND NORTH	SWly and Wly winds, light; cloudy, rain locally.
4 MIDLAND COUNTIES	Same as No. 5.	10 IRELAND SOUTH	NEly and Ely winds, light; fair generally.
5 ENGLAND SOUTH	NEly and Ely winds, light or moderate; fine, warmer.	WARNINGS	None Issued.

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·13	53	49	NW	8	c	11	Holyhead	30·35	57	54	N	3	b	2
Sumburgh Head	30·28	53	49	W	3	bc	3	Valencia	30·24	61	55	N	5	bc	5
Stornoway	30·30	57	49	SSW	4	o	3	Scilly	30·20	58	53	NE	6	cm	4
Aberdeen	30·39	54	50	SE	1	b	1	Dungeness	30·16	58	55	ENE	5	c	4
Shields	30·34	54	51	SE	3	b	4	London	30·22	60	53	NNE	2	o	*
Ardrossan	30·38	59	57	SSW	1	b	1	Yarmouth	30·23	57	53	NNE	5	bc	5
Malin Head	30·37	54	50	WNW	2	m	2	Jersey	30·13	58	56	NE	4	o	3
Mullaghmore	30·39	54	53	NW	4	cm	4	Rochefort	30·01	73	68	NW	4	c	2
Belmullet	30·40	55	50	W	2	o	*								

REMARKS.

The barometer continues to rise at all stations excepting Stornoway and Valencia, and the anticyclone appears to be spreading southwards. The wind has shifted to SW. at Stornoway, and to SE. at Aberdeen and Shields and to NW. at Mullaghmore, but on our southern coasts it remains NE. Fair weather prevails generally. The sea is rather rough at Valencia & Yarmouth, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Sunday 28th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London; R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·00	53	Z	0	o	29·88	-·23	61	52	+3	NW	4	b	*	63	45	-
Hernösand ...	30·10	56	SSW	2	b	30·09	-·06	63	54	+9	NNW	4	o	*	70	50	-
Stockholm ...	30·14	54	Z	0	b	30·16	+·08	62	53	+7	Z	0	b	*	66	48	-
Wisby	30·03	54	NE	6	b	30·07	+·12	51	50	+7	NE	6	b	*	63	52	-
Bodö	29·91	48	NW	2	r	30·02	-·08	47	45	-2	WSW	6	o	4	50	45	0·12
Christiansund ...	30·15	52	WSW	6	f	30·23	+·07	49	47	-3	WSW	3	f	3	55	46	0·08
‡Skudesnaes ...	30·21	52	NW	4	b	30·15	-·08	52	51	+2	NNW	4	f	3	?	?	-
Oxö (Christiansand)	30·13	61	SW	2	b	30·19	-·02	60	57	+2	ENE	2	b	1	63	55	-
Skagen (The Skaw)	30·11	56	NNW	2	b	30·12	+·03	60	59	+4	ESE	2	o	1	63	55	-
Fanö	30·17	50	NW	5	c	30·12	-·01	61	55	+5	NW	1	b	*	64	46	-
Cuxhaven ..	30·18	54	NNW	4	c	30·14	-·03	62	61	+5	E	1	b	*	62	54	-
‡Sumburgh Head	30·24	51	W	4	m	30·23	+·04	48	46	-3	W	1	o	1	55	45	-
‡Stornoway ...	30·30	57	SSE	2	o	30·21	-·07	53	53	-6	Z	0	f	0	68	51	0·01
Wick	30·32	56	N	2	o	30·20	-·08	55	55	-7	SE	2	f	0	65	50	0·02
Nairn	30·26	65	WNW	1	bc	30·24	-·04	56	54	-7	Z	0	c	0	75	54	-
‡Aberdeen... ...	30·29	65	Z	0	c	30·22	-·08	63	58	+1	Z	0	c	1	69	55	-
Leith ...	30·28	63	NNE	1	b	30·22	-·10	58	54	-2	NW	1	c	*	71	54	-
‡Shields	30·29	56	SE	3	o	30·22	-·11	58	57	+1	ENE	2	c	3	62	50	-
Spurn Head ...	30·30	53	NE	3	b	30·21	-·13	55	52	+1	NNE	3	c	3	57	49	-
York	30·29	64	ESE	2	b	30·25	-·11	59	47	+8	NNE	1	o	*	72	? 51	-
Loughborough	30·27	67	NE	3	b	30·20	-·16	57	52	+6	ENE	3	b	*	70	41	-
‡Ardrossan ...	30·29	60	WSW	1	b	30·21	-·14	62	58	+5	NE	2	om	1	62	51	-
Malin Head ...	30·31	58	N	1	m	*30·24	-·12	54	54	+1	NNW	1	f	2	59	52	0·01
‡Mullaghmore ...	30·31	60	NW	1	c	30·21	-·16	58	57	+5	NE	3	c	2	61	53	-
‡Belmullet ...	30·31	57	NE	2	c	? 30·23	-·13	64	61	+8	W	1	h	0	66	55	-
Donaghadee ...	30·31	58	N	3	b	30·22	-·17	56	55	+4	N	3	c	1	59	50	-
Barrow-in-Furness	30·24	61	NW	3	b	? 30·19	-·13	62	55	+10	NE	2	bc	*	66	52	-
Liverpool (Bidston)	30·26	64	NW	1	b	30·20	-·14	63	49	+6	ESE	1	b	1	65	54	-
‡Holyhead ...	30·29	56	NNE	3	bc	30·19	-·16	59	54	-1	ENE	2	c	2	63	53	-
Parsonstown ...	30·26	70	NE	1	b	30·21	-·17	57	54	-2	Z	0	b	*	70	43	-
‡Valencia	30·27	63	WSW	3	bm	30·18	-·17	61	57	-1	NE	1	bm	1	67	46	-
Roche's Point ..	30·29	63	ESE	3	b	30·19	-·15	61	54	+2	E	3	b	3	64	49	-
Pembroke ...	30·20	62	SE	1	b	30·14	-·24	57	49	0	E	2	b	1	65	49	-
‡Scilly	30·16	60	ENE	3	c	30·07	-·13	58	55	+3	NE	5	b	4	60	54	-
Prawle Point ...	30·18	58	ENE	3	b	30·10	-·13	53	50	-1	ENE	5	bc	5	62	51	-
Hurst Castle ..	30·19	65	E	3	b	30·09	-·17	55	53	-1	ENE	6	c	3	67	49	-
‡Dungeness ...	30·19	60	ENE	5	bc	30·10	-·14	58	55	0	ENE	4	c	3	67	54	-
‡London	30·21	65	ENE	2	b	30·14	-·15	54	51	-3	ENE	3	o	*	71	50	-
Oxford	30·23	58	NE	3	b	30·17	-·16	55	51	+2	ENE	2	b	*	66	43	-
Cambridge ...	30·20	64	NNE	1	b	30·17	-·15	58	52	+4	NE	1	b	*	71	39	-
‡Yarmouth ...	30·26	58	NE	4	b	30·17	-·13	57	52	+2	NE	3	b	3	61	51	-
The Helder ...	30·19	54	NNE	3	o	30·14	-·11	56	52	+1	NE	3	c	3	57	52	-
Cape Gris Nez...																	
‡Jersey	30·11	59	ENE	5	og	30·00	-·15	57	55	+1	ENE	6	om	4	61	54	-
Brest	30·06	63	E	5	o	29·97	-·12	56	55	+1	ENE	4	o	2	68	54	0·16
Lorient	30·06	65	ENE	4	o	29·96	-·13	59	59	+2	NE	4	m	2	72	52	-
‡Rochefort ...	30·03	80	ENE	4	bc	29·90	-·16	65	64	-1	W	1	c	2	?	59	0·64
Biarritz	29·95	68	W	8	t	29·88	-·09	66	64	-2	Z	0	m	0	82	61	0·64
Corunna	*	*	*	*	*	30·08	-·01	?	65	?	NNE	?	?	?	72	52	0·59
Brussels	*	*	*	*	*	30·08	-·12	52	50	-6	NE	1	o	*	74	49	-
Charleville ...	‡30·08	70	ENE	5	b	30·00	-·14	64	59	+2	E	4	b	*	74	56	-
Paris	30·09	66	N	3	bc	30·00	-·17	63	59	+3	NNE	3	b	*	*	*	-
Lyons	29·90	85	N	3	b	29·88	-·16	73	65	+2	E	1	m	*	89	65	-
Toulon	29·92	68	W	5	bc	29·92	-·07	70	59	-2	Z	0	m	2	77	63	-

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Fred^k Daugerfield Lith London

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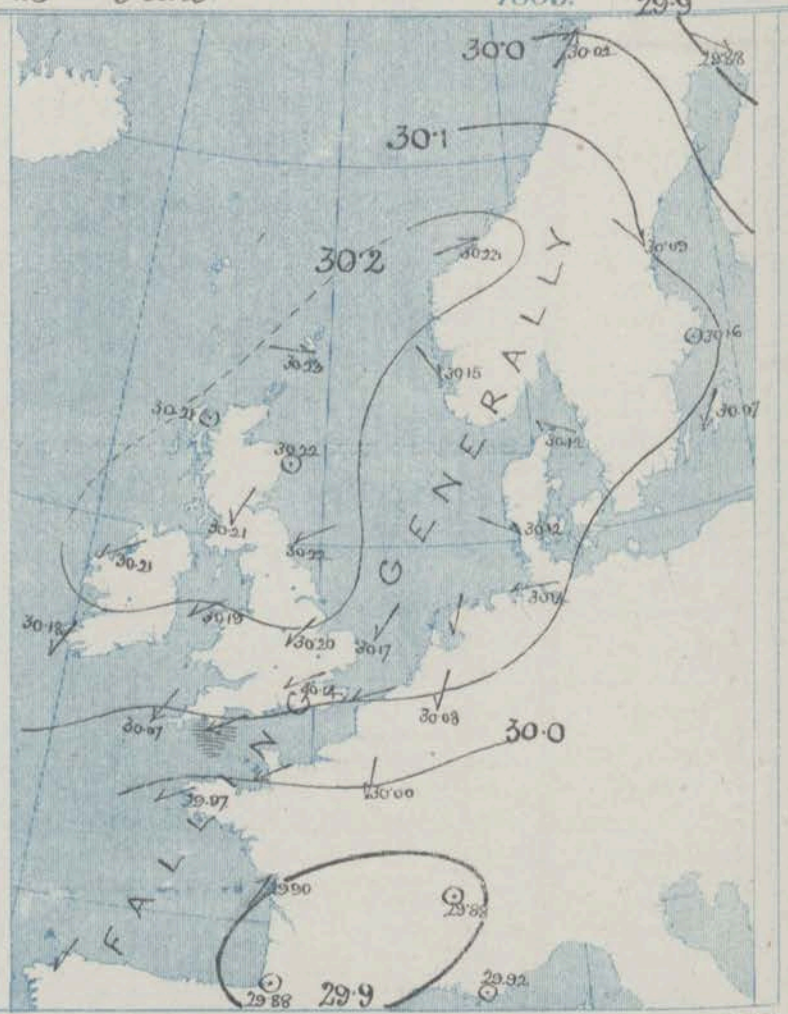
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

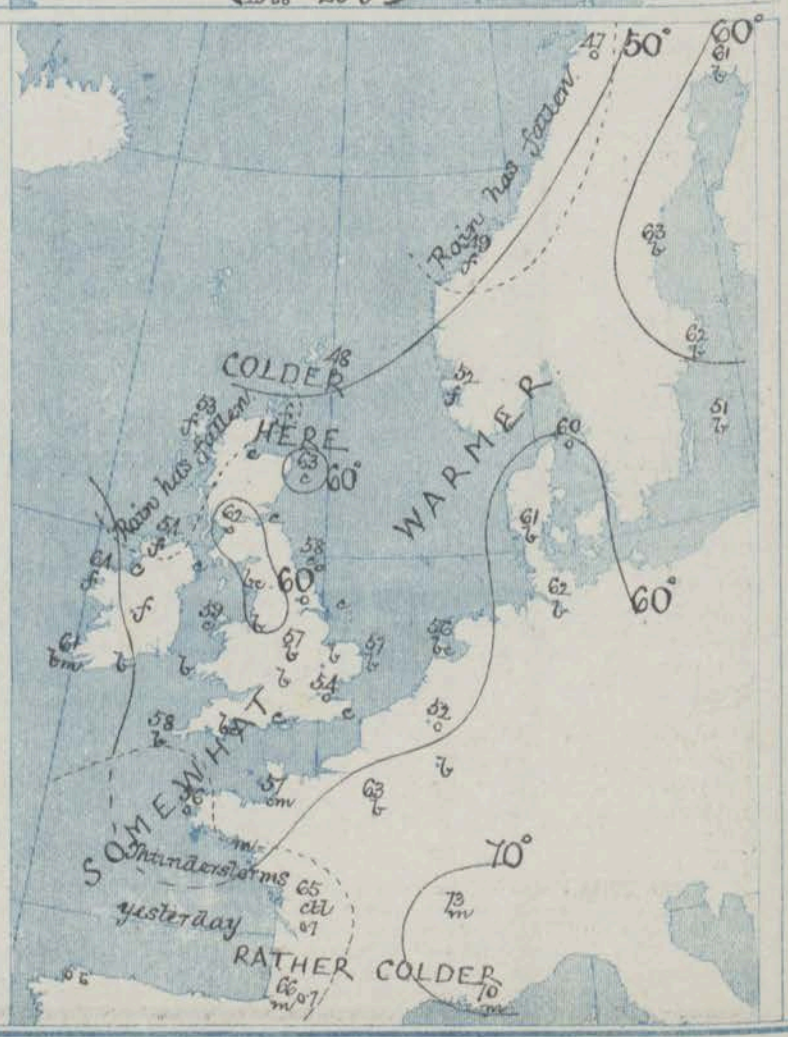
Rainfall *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5in. or more, are quoted in figures.*

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry	At 8 a.m. Wet.	RAINFALL (Inches).
Sumburgh Head	54 · 9	45 · 5	50 · 7	49 · 1	2 · 04
Stornoway	58 · 3	46 · 4	54 · 2	51 · 7	3 · 03
Wick	59 · 2	46 · 0	53 · 3	50 · 28	1 · 59
Nairn	62 · 7	48 · 4	54 · 8	50 · 8	2 · 00
Aberdeen	61 · 5	48 · 2	54 · 8	51 · 1	1 · 87
Leith	65 · 2	48 · 4	56 · 4	53 · 1	1 · 96
Shields	61 · 2	50 · 1	55 · 2	51 · 9	1 · 76
York	66 · 5	48 · 6	56 · 6	53 · 2	2 · 47
Ardrossan	63 · 1	50 · 6	55 · 6	52 · 1	2 · 77
Donaghadee	61 · 4	49 · 4	55 · 4	53 · 3	2 · 12
Holyhead	62 · 5	52 · 1	55 · 7	53 · 3	1 · 98
Liverpool	64 · 2	51 · 2	56 · 9	53 · 0	1 · 87
Valencia	62 · 0	51 · 3	56 · 9	53 · 9	3 · 52
Roche's Point	66 · 1	51 · 5	56 · 8	53 · 6	3 · 36
Pembroke	61 · 2	51 · 8	55 · 4	53 · 2	2 · 07
Scilly	61 · 5	53 · 4	57 · 2	55 · 2	1 · 89
Hurst Castle	64 · 1	52 · 7	58 · 1	55 · 9	1 · 98
Dover	63 · 8	53 · 5	59 · 1	55 · 5	1 · 76
LONDON	70 · 0	50 · 7	59 · 5	55 · 3	2 · 24
Oxford	67 · 8	49 · 1	57 · 2	53 · 9	2 · 22
Cambridge	69 · 4	49 · 0	58 · 1	54 · 9	2 · 30
Yarmouth	62 · 6	51 · 7	57 · 2	54 · 4	2 · 12

NOTE – The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Sunday 28th June 1885, at 8 a.m.

In the course of the past twenty-four hours the barometer has fallen in almost all parts of Western Europe and the anticyclone, which has been reduced in value, now extends from the northern parts of England and Ireland across Scotland to the west of Norway. Light variable airs prevail on our northern coasts and also on the eastern shores of the North Sea, but on our southern and the French coasts the wind is fresh from E. or NE.. The weather is fine in Sweden, Denmark and the southern parts of our Islands, but cloudy or overcast elsewhere, with fog at many of our northern stations and mist in the west and south of France. Thunderstorms occurred in the southwest of France yesterday. Temperature has risen slightly in most places, and readings now range from 64° at Belmullet to 48° in the Shetlands. The highest maxima registered yesterday were 75° at Nairn, 72° at York and 71° at Leith, London and Cambridge. The sea is rather rough at Prawle Point, slight or smooth elsewhere.

ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S reports that on the 24th inst: in Long: 56° W. the barometer fell to 29.9 ins. during a "whole gale" (force 10 by Beaufort's scale), in which the wind veered from SW. to W.

FORECASTS

for the 24 hours ending at NOON on 29th June 1885.

(Issued at 11 a.m on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None Issued	6 SCOTLAND WEST	None Issued
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	None Issued

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30.24	56	50	NW	8	b	3	Holyhead	30.32	58	54	WNW	3	b	2
Sumburgh Head	30.22	54	54	WSW	4	o	3	Valencia	30.29	67	61	N	4	bm	4
Stornoway	30.30	67	62	WNW	3	be	2	Scilly	30.20	58	54	E NE	5	be	3
Aberdeen	30.31	64	55	SSE	1	c	1	Dungeness	30.22	61	57	E NE	4	be	3
Shields	30.30	60	56	SE	3	b	3	London	30.23	69	56	E NE	2	b	*
Ardrossan	30.32	58	56	SSW	1	c	1	Yarmouth	*30.25	59	54	NE	4	be	4
Malin Head	*30.34	59	57	N	1	m	2	Jersey	30.14	60	57	ENE	5	o	4
Mullaghmore	30.34	58	56	NW	4	o	2	Rochefort	30.08	86	76	ENE	4	b	2
Belmullet	30.36	60	57	NE	1	be	*								

REMARKS.

No important change has occurred since the morning. The sea is moderate to smooth.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Monday 29th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	30·01	59	SE	2	c	30·07	+·19	59	51	−2	E	0	b	*	66	46	-
Hernösand	30·12	62	E	0	b	30·08	−·01	59	53	−4	SSW	1	b	*	79	54	-
Stockholm	30·15	62	E	0	b	30·11	−·05	68	58	+6	E	0	b	*	77	46	-
Wisby	30·09	52	NE	4	b	30·01	−·06	62	55	+11	E	6	bc	*	68	48	-
Bodö	30·17	49	E	0	b	29·97	−·05	54	49	+7	ENE	4	bc	2	54	45	-
Christiansund	30·09	51	NE	2	b	29·85	−·38	58	53	+9	ESE	1	b	1	?	43	-
‡Skudesnaes	30·04	54	NW	2	c	29·97	−·18	51	50	−1	S	2	f	3	61	?	-
Oxö (Christiansund)	30·07	59	ENE	4	c	29·98	−·21	58	57	−2	ENE	2	o	1	63	55	-
Skagen (The Skaw)	30·07	60	SSE	2	o	29·99	−·13	64	61	+4	E	0	c	0	64	59	-
Fanö	30·08	59	E	2	b	29·90	−·22	61	58	0	SE	4	c	*	66	57	-
Cuxhaven	30·02	59	E	3	b	29·93	−·21	64	62	+2	E	2	m	*	67	59	-
‡Sumburgh Head	30·12	51	SSE	1	o	29·93	−·30	50	50	+2	NW	3	r	3	52	46	0·20
‡Stornoway	30·08	55	E	0	p	30·10	−·11	51	48	−2	NW	4	c	3	58	48	0·37
Wick	30·09	55	SE	2	f	30·02	−·18	55	53	0	NW	2	o	1	57	50	0·16
Nairn	30·07	58	NE	3	c	30·05	−·19	54	51	−2	NW	3	bc	2	64	53	0·17
‡Aberdeen	30·10	54	SE	1	o	30·02	−·20	54	52	−9	N	3	og	2	64	51	0·07
Leith	30·09	60	WNW	1	c	30·02	−·20	56	55	−3	SE	1	oh	*	64	52	0·12
‡Shields	30·10	58	NE	3	o	30·00	−·22	53	53	−5	NE	1	f	2	61	50	-
Spurn Head	30·06	55	NNE	4	c	29·98	−·23	53	52	−2	NNE	3	c	2	58	49	0·01
York	30·08	62	NE	1	o	29·99	−·26	58	56	+1	NW	1	o	*	65	52	-
Loughborough	30·09	60	ENE	3	o	30·00	−·20	55	54	−2	E	0	oqmw	*	70	52	-
‡Ardrossan	30·09	62	SSW	1	o	30·09	−·14	58	55	−4	WNW	4	b	3	?65	52	0·10
Malin Head	30·12	56	WNW	3	c	30·14	−·10	53	50	−1	WNW	4	o	4	58	51	0·03
‡Mullaghmore	30·12	61	W	2	om	30·18	−·03	56	51	−2	NNW	5	ov	4	66	53	-
‡Belmullet	30·14	60	N	2	bc	30·20	?	54	50	−10	N	2	c	*	66	51	0·04
Donaghadee	30·08	60	NW	1	c	30·11	−·11	55	53	−1	NNE	6	b	4	66	52	-
Barrow-in-Furness	30·08	64	NW	2	bc	30·01	−·18	59	57	−3	NW	3	c	*	67	57	-
Liverpool (Bidston)	30·06	65	N	1	c	30·01	−·19	60	57	−3	WNW	1	bc	3	70	54	-
‡Holyhead	30·08	61	NE	3	bom	30·08	−·11	54	53	−5	N	5	c	4	67	54	-
Parsonstown	30·08	70	NE	1	bc	30·17	−·04	54	52	−3	NNE	1	oq	*	71	53	-
‡Valencia	30·12	59	NNW	5	bm	30·20	+·02	56	54	−5	N	4	o	4	68	53	-
Roche's Point	30·10	62	SSW	2	c	30·08	−·11	60	57	−1	N	5	o	3	68	48	-
Pembroke	30·03	62	N	3	b	30·02	−·12	57	55	0	NNW	5	c	2	67	53	-
‡Scilly	30·02	59	NNW	1	bc	29·96	−·08	59	56	+1	NNE	3	bc	4	61	54	-
Prawle Point	29·98	60	ENE	1	b	29·96	−·14	61	57	+8	NE	3	b	3	62	50	-
Hurst Castle	29·96	65	E	3	b	29·94	−·15	54	54	−1	ENE	5	c	2	67	53	-
‡Dungeness	29·98	60	ENE	4	b	29·90	−·20	58	55	0	ENE	4	c	3	67	54	-
‡London	29·90	67	ESE	2	b	29·96	−·18	54	52	0	NNE	2	o	*	72	52	-
Oxford	30·07	59	NE	4	c	29·99	−·18	54	51	−1	N	4	c	*	69	51	-
Cambridge	30·07	58	N	1	c	29·98	−·19	54	53	−4	N	1	o	*	72	50	0·04
‡Yarmouth	30·04	57	NE	3	og	29·94	−·23	55	53	−2	N	3	c	2	61	52	-
The Helder	29·98	57	?	2	bc	29·90	−·24	56	51	0	?	2	c	3	61	55	-
Cape Gris Nez	29·93	57	NE	7	bc	29·88		55	53		NE	7	o	5	63	54	-
‡Jersey	29·88	59	NE	5	c	29·90	−·10	55	52	−2	NE	4	om	3	65	53	0·02
Brest	29·92	57	NNE	2	h	29·90	−·07	57	53	+1	ENE	5	o	4	59	54	0·08
Lorient	29·90	62	NNW	3	o	29·86	−·10	57	55	−2	ENE	7	o	1	72	52	0·04
‡Rochefort	29·89	68	WNW	5	m	29·79	−·11	64	63	−1	WSW	8	h	4	?	59	0·87
Biarritz	29·89	67	N	5	bc	29·88	·00	65	61	−1	W	5	c	2	70	63	0·16
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29·85	−·23	58	58	+6	NNW	3	h	*	73	52	0·43
Charleville	?29·84	74	NE	4	b	?29·78	−·22	66	63	+2	E	1	bc	*	79	61	0·04
Paris	29·84	72	NNE	3	bc	29·86	−·14	62	59	−1	NNE	1	o	*	*	*	0·95
Lyons	29·76	78	ESE	1	b	29·84	−·04	65	59	−8	N	1	bc	*	88	59	-
Toulon	29·93	72	E	0	m	29·88	−·04	65	64	−5	SSE	3	f	2	81	63	-

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue Sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred^k Daingerfield Lith. London

WEATHER CHARTS

For 8 a.m. on Monday. 29th June. 1885.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

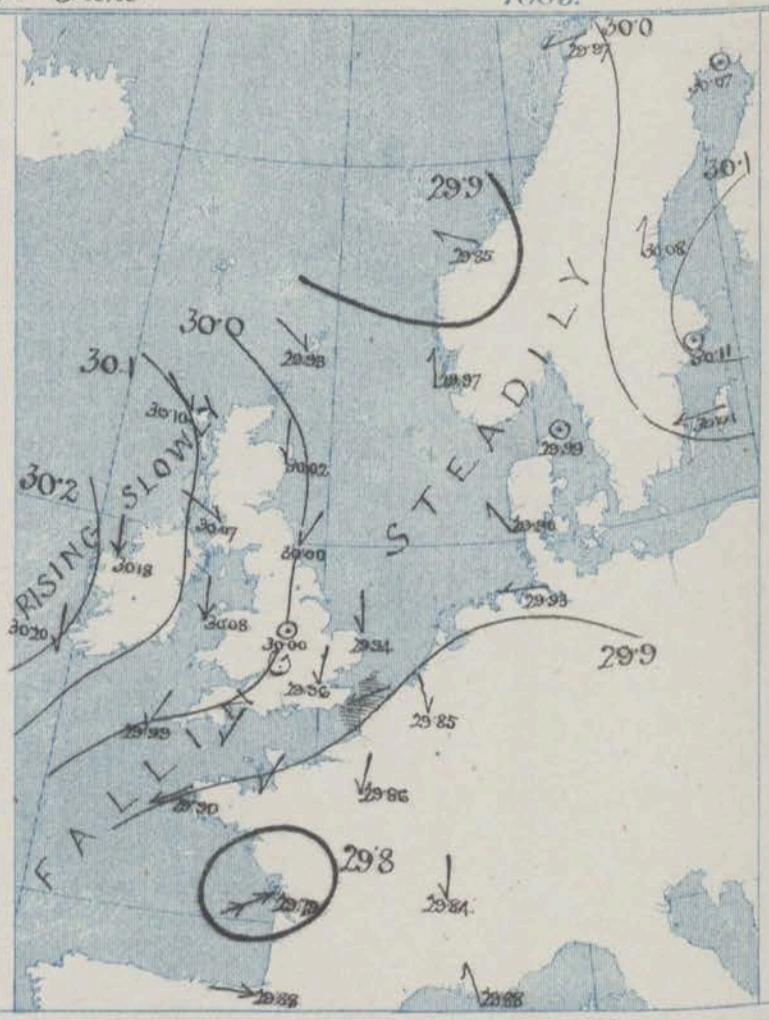
⟶ = forces above 10; ⟶ = forces 8 to 10;
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. ins.
Sumburgh Head	29 · 860
Stornoway	29 · 832
Wick	29 · 861
Nairn	29 · 868
Aberdeen	29 · 876
Leith	29 · 892
Shields	29 · 918
York	29 · 936
Ardrossan	29 · 895
Donaghadee	29 · 898
Holyhead	29 · 929
Liverpool	29 · 930
Valencia	29 · 929
Roche's Point	29 · 929
Pembroke	29 · 937
Scilly	29 · 971
Hurst Castle	29 · 969
Dover	29 · 962
LONDON	29 · 963
Oxford	29 · 953
Cambridge	29 · 960
Yarmouth	29 · 956



TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10°. Changes since previous morning are stated in words.*

Weather *is shown by Letters of the Beaufort Scale.*

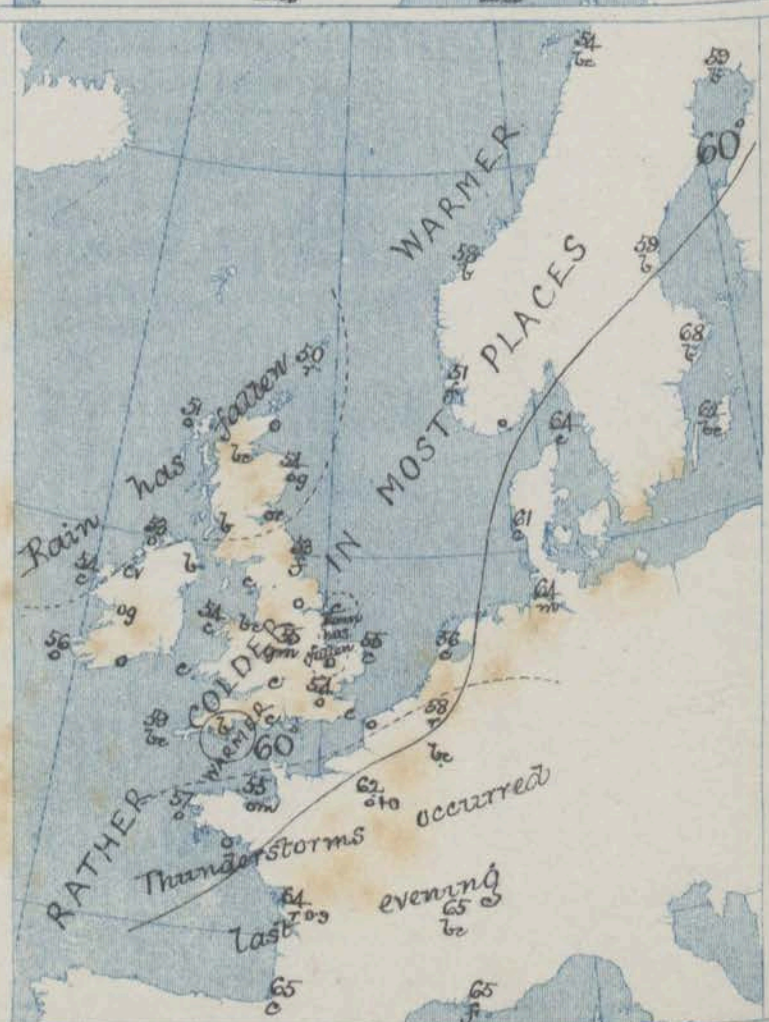
Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.*

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	Wet.	RAINFALL (Inches).
Sumburgh Head	54·9	45·5	50·7	49·1	2·04
Stornoway	58·3	46·4	54·2	51·7	3·03
Wick	59·2	46·0	53·3	50·7	1·59
Nairn	62·7	48·4	54·8	50·8	2·00
Aberdeen	61·5	48·2	54·8	51·1	1·87
Leith	65·2	48·4	56·4	53·1	1·96
Shields	61·2	50·1	55·2	51·9	1·76
York	66·5	48·6	56·6	53·2	2·47
Ardrossan	63·1	50·6	55·6	52·1	2·77
Donaghadee	61·4	49·4	55·4	53·3	2·12
Holyhead	62·5	52·1	55·7	53·3	1·98
Liverpool	64·2	51·2	56·9	53·0	1·87
Valencia	62·0	51·3	56·9	53·9	3·52
Roche's Point	66·1	51·5	56·8	53·6	3·36
Pembroke	61·2	51·8	55·4	53·2	2·07
Scilly	61·5	53·4	57·2	55·2	1·89
Hurst Castle	64·1	52·7	58·1	55·9	1·98
Dover	63·8	53·5	59·1	55·5	1·76
LONDON	70·0	50·7	59·5	55·3	2·24
Oxford	67·8	49·1	57·2	53·9	2·22
Cambridge	69·4	49·0	58·1	54·9	2·30
Yarmouth	62·6	51·7	57·2	54·4	2·12

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Monday 29th June 1885, at 8 a.m.

The barometer is falling at all but our extreme western stations, and a large shallow depression has appeared off the west of Norway, while a smaller disturbance is found over the west of France. Pressure is highest to the westward of Ireland, but an area of relatively high readings is lying over the Baltic. The wind is light and variable in Scandinavia and Denmark, but in Scotland it is moderate from NW and in Ireland fresh from N, while on our eastern and southern coasts it is moderate NEly. The weather is fine in Sweden, and fair at some of the Irish and Scotch stations as well as in the extreme southeast of England, but cloudy or overcast elsewhere, with rain at Leith and Rochefort. Slight rain fell yesterday at several of our northern and northwestern stations, and thunderstorms occurred last evening in France as well as at Jersey. Temperature has fallen a little in most places, and readings range from 61° at Prawle Point and 60° at Liverpool and Rocks Point to 50° in the Shetlands. The highest maxima registered yesterday were 72° in London and at Cambridge, 71° at Parsonstown and 70° at Loughbors and Liverpool. The sea is moderate to smooth.

The depression over France may possibly move northeastwards and occasion rain over our midland and southeastern counties.

FORECASTS

for the 24 hours ending at NOON on 30th June *1885.*

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NWly and Nly winds, moderate; cloudy, some rain.	6 SCOTLAND WEST	NWly winds, moderate; fair generally.
1 SCOTLAND EAST	---------- Do. ---------- Do. ----------	7 ENGLAND N.W.	---------- Do. ---------- Do. ----------
2 ENGLAND N.E.	Nly winds, light or moderate; cloudy, probably some rain.	8 ENGLAND S.W	Nly and NEly winds, moderate; fair generally.
3 ENGLAND EAST	---------- Do. ---------- Do. ----------	9 IRELAND NORTH	Nly or NEly winds, fresh; fair generally.
4 MIDLAND COUNTIES	---------- Do. ---------- Do. ----------	10 IRELAND SOUTH	---------- Do. ---------- Do. ----------
5 ENGLAND SOUTH	NEly winds, moderate; cloudy, some rain.	WARNINGS	None Issued.

Frank Dangerfield, Lith., London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnacs	30.11	60	56	NW	5	br	3	Holyhead							
Sumburgh Head								Valencia							
Stornoway								Scilly							
Aberdeen								Dungeness							
Shields								London							*
Ardrossan								Yarmouth							
Malin Head								Jersey							
Mullaghmore								Rochefort	29.89	67	64	WNW	5	m	o
Belmullet							*								

REMARKS.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD

FROM THE 21ST JUNE TO THE 27TH JUNE 1885.

During this week there have been three different classes of pressure-distribution over our Islands – viz:

1. Cyclonic, with gradients favourable for NWly to SWly winds. This lasted from the 21st to the 23rd.
2. Cyclonic, but complex – the gradients being favourable for varying winds. This lasted during the 24th and 25th.
3. Anticyclonic – with gradients chiefly favourable for Nly (NW to NE) winds – This was noticed on the 26th and 27th, and continued at the close of the week.

During the first of these periods pressure was highest over France or the Bay of Biscay, and large depressions were observed – first over Scandinavia and afterwards off our north-western coasts, while their subsidiaries passed over the inland parts of the Kingdom. The weather was cloudy and showery in the west and north, fair, but cool elsewhere, and not at all settled.

In the second period, shallow depressions appeared over France and our southern stations, while pressure became (relatively) high in the northwest and (after one warm day over our southeastern counties) rain fell at the southern and eastern stations, but the sky cleared in the west and north.

During the third period, the fine weather in Ireland and Scotland spread gradually over England, but it was not until Saturday that the sky cleared in the southeast. The air was very cool, though the sun's rays were warm. Early on the 27th the thermometer fell to 35° on the grass in London.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Tuesday 30th June 1885.

Issued by the Meteorological Office, 116, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in Shade.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12.)	Weather	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29.95	56	S	2	bc	29.75	-.29	58	58	-1	S	2	o	*	66	48	-
Hernösand	29.89	59	S	2	o	29.78	-.30	57	54	-2	SSW	2	b	*	64	48	-
Stockholm	29.93	55	SE	2	b	29.82	-.29	66	60	-2	S	0	b	*	72	54	-
Wisby	29.90	58	W	4	b	29.80	-.21	69	62	+5	NW	2	bc	*	70	46	-
Bodö	29.72	58	SSW	2	n	29.76	-.21	48	47	-6	WSW	2	o	2	66	45	0.16
Christiansund	29.87	49	W	3	f	29.84	-.01	49	47	+9	WSW	3	o	3	?	46	0.12
‡Skudesnnes	29.91	51	NW	4	f	29.86	-.11	53	49	+2	NW	6	c	3	?	?	-
Oxö (Xtianssand)	29.87	61	E	2	bc	29.75	-.23	68	56	0	S	0	c	0	63	54	0.12
Skagen (The Skaw)	29.84	62	S	0	c	29.73	-.26	60	57	+4	NNE	2	o	0	73	59	-
Fanö	29.81	58	NW	4	b	29.73	-.17	59	57	-2	NW	6	o	*	72	57	-
Cuxhaven	29.83	59	N	3	c	29.73	-.20	63	62	-1	N	4	o	*	70	59	-
‡Sumburgh Head	29.96	51	NW	3	b	29.96	+.03	49	46	-1	NW	4	c	3	54	44	0.02
‡Stornoway	30.07	53	WNW	5	og	30.09	-.01	50	46	-1	WNW	3	og	2	57	45	-
Wick	30.04	54	NW	2	bc	30.05	+.03	53	51	-2	NW	4	o	2	57	43	-
Nairn	30.05	57	NW	1	bc	30.07	+.02	51	47	-3	NW	2	o	1	61	47	0.42
‡Aberdeen	30.06	59	N	3	bc	30.05	+.03	51	48	-3	NNW	2	o	2	63	43	-
Leith	30.05	58	SE	1	bc	30.06	+.04	54	50	-1	NW	1	bc	*	61	48	0.03
‡Shields	30.04	57	NNE	2	c	30.05	+.05	53	51	0	NNE	2	o	2	57	47	0.02
Spurn Head	30.00	52	N	4	c	30.03	+.05	54	52	+1	N	4	bc	2	55	50	-
York	30.03	59	N	2	c	30.05	+.06	56	50	-2	N	1	b	*	63	44	-
Loughborough	30.00	61	N	4	o	30.05	+.05	56	52	+1	N	3	ow	*	68	48	-
‡Ardrossan	30.06	57	WNW	4	b	30.09	+.02	54	50	-4	WNW	2	o	1	61	44	-
Malin Head	30.16	54	NW	3	b	30.13	-.01	50	48	-3	N	5	c	5	58	?48	0.01
‡Mullaghmore	30.21	56	N	5	bcv	30.18	.00	52	48	-4	NNW	5	o	4	57	51	-
‡Belmullet	30.22	54	N	2	bc	30.22	+.02	53	49	-1	NNW	2	o	*	55	50	-
Donaghadee	30.12	56	NNE	6	b	30.13	+.02	53	52	-2	NNE	5	c	3	60	49	-
Barrow-in-Furness	30.01	62	NW	2	o	30.06	+.05	54	51	-3	NW	3	o	*	63	52	-
Liverpool (Bidston)	30.03	59	WNW	3	b	30.07	+.06	53	51	-1	E	1	f	3	62	53	-
‡Holyhead	30.08	54	N	6	b	30.11	+.03	55	51	+1	NNW	5	b	4	56	50	-
Parsonstown	30.17	60	NNW	1	bc	30.20	+.03	52	49	-2	NW	1	og	*	63	40	-
‡Valencia	30.23	56	N	5	c	30.25	+.05	57	51	+1	N	3	c	4	62	51	-
Roche's Point	30.16	66	N	5	bc	30.18	+.10	55	50	-5	N	5	c	3	65	49	-
Pembroke	30.03	56	N	6	b	30.09	+.07	53	50	-4	NNE	5	bc	3	60	49	-
‡Scilly	30.01	57	NNE	6	c	30.07	+.08	55	51	-4	NNE	6	bc	5	59	53	-
Prawle Point	29.94	61	SW	1	c	30.02	+.06	62	57	+1	NNE	2	bc	1	66	53	-
Hurst Castle	29.92	65	ESE	2	o	30.00	+.06	57	55	+3	NE	4	bc	2	65	54	-
‡Dungeness	29.91	59	E	4	c	29.94	+.04	58	55	0	NE	5	c	3	64	54	-
‡London	29.94	61	NNE	3	bc	30.00	+.04	57	50	+3	NE	3	bc	*	68	52	-
Oxford	29.99	61	N	3	o	30.04	+.05	54	51	0	ENE	2	b	*	68	50	-
Cambridge	29.99	53	N	2	bc	30.01	+.03	59	53	+5	N	2	b	*	66	47	-
‡Yarmouth	29.96	54	N	4	c	29.98	+.04	55	51	0	N	5	c	4	58	51	-
The Helder	29.88	55	NNE	4	o	29.87	-.03	54	52	-2	NNE	4	o	3	59	54	-
Cape Gris Nez																	
‡Jersey	29.88	56	ENE	3	cgr	29.95	+.05	54	52	-1	NE	4	ow	3	60	53	0.03
Brest	29.89	57	NE	4	o	29.95	+.05	57	54	0	NNE	5	o	2	63	54	-
Lorient	29.82	58	NE	7	o	?29.91	+.05	57	55	0	NE	7	bc	3	63	50	-
‡Rochefort	29.83	64	SSW	8	c	29.86	+.07	64	62	0	SE	4	o	2	?	57	0.91
Biarritz	29.89	66	W	5	o	29.84	-.04	61	56	-4	SW	7	o	3	68	57	0.04
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	29.67	+.02	55	53	-3	N	3	n	*	62	53	0.43
Charleville	?29.80	69	E	1	o	?29.82	+.04	58	54	-8	E	1	n	*	70	56	0.04
Paris	29.84	60	N	5	n	29.90	+.04	60	57	-2	N	5	n	*	*	*	?
Lyons	29.80	69	E	1	bc	29.82	-.02	65	60	0	SE	1	b	*	76	60	0.75
Toulon																	

EXPLANATION OF COLUMNS

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by Harrison & Sons, London

WEATHER CHARTS

for 8 a.m. on Tuesday 30th June. 1885.

BAROMETER, WIND & SEA.

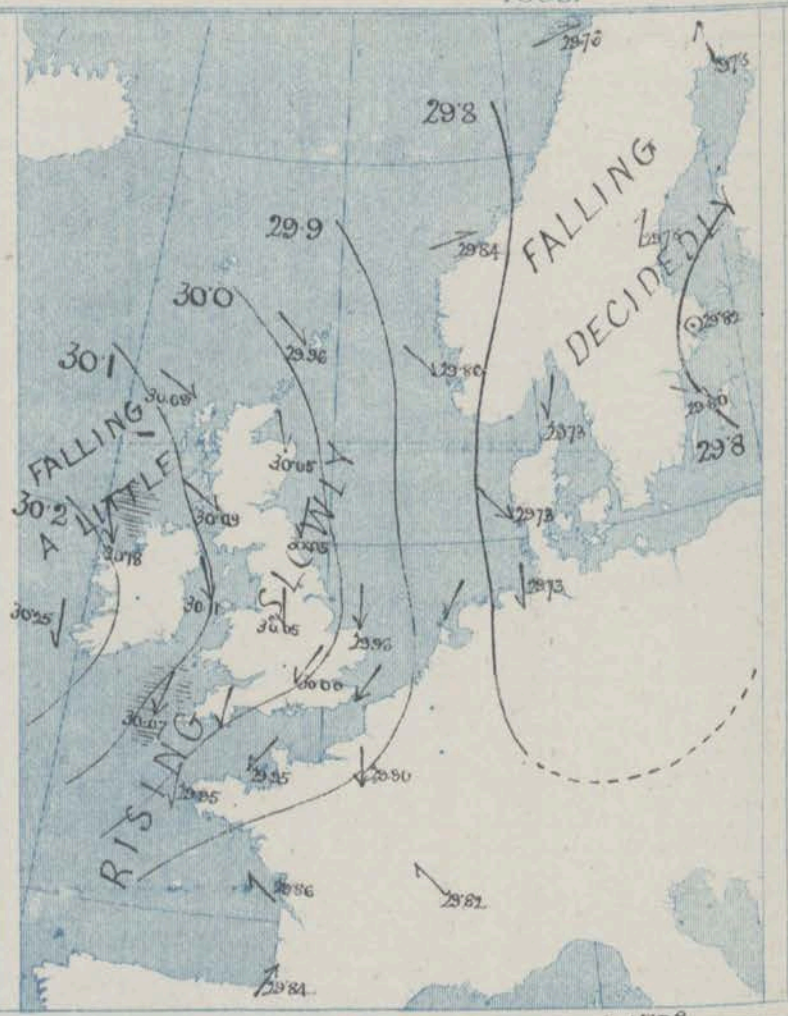
(Explanation of Map)

Barometer — *Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.*

Wind — *Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —*

⟶ = forces above 10, ⟶ = forces 8 to 10;
⟶ = forces 5 to 7, ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance — *where considerable is shewn thus*
= Rough. = High.



MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

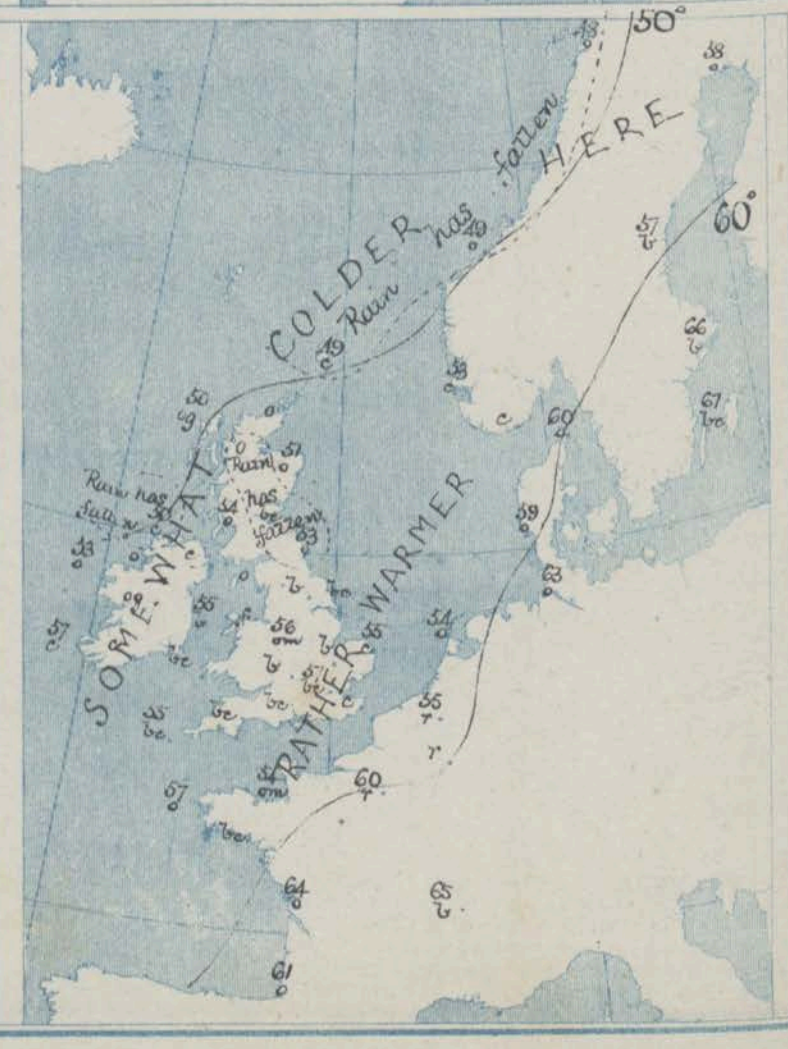
STATIONS.	MEAN READINGS. in.
Sumburgh Head	29·860
Stornoway	29·832
Wick	29·861
Nairn	29·868
Aberdeen	29·876
Leith	29·892
Shields	29·918
York	29·936
Ardrossan	29·895
Donaghadee	29·898
Holyhead	29·929
Liverpool	29·930
Valencia	29·929
Roche's Point	29·929
Pembroke	29·937
Scilly	29·971
Hurst Castle	29·969
Dover	29·962
LONDON	29·963
Oxford	29·953
Cambridge	29·960
Yarmouth	29·956

TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — *Isotherms are drawn for each 10° Changes since previous morning are stated in words.*

Weather *is shewn by Letters of the Beaufort Scale.*

Rainfall. *A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·3in. or more, are quoted in figures.*



MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of June.

STATIONS.	TEMPERATURE. Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	RAINFALL (Inches).
Sumburgh Head	54·9	45·5	50·7	49·1	2·04
Stornoway	58·3	46·4	54·2	51·7	3·03
Wick	59·2	46·0	53·3	50·7	1·59
Nairn	62·7	48·4	54·8	50·8	2·00
Aberdeen	61·5	48·2	54·8	51·1	1·87
Leith	65·2	48·4	56·4	53·1	1·96
Shields	61·2	50·1	55·2	51·9	1·76
York	66·5	48·6	56·6	53·2	2·47
Ardrossan	63·1	50·6	55·6	52·1	2·77
Donaghadee	61·4	49·4	55·4	53·3	2·12
Holyhead	62·5	52·1	55·7	53·3	1·98
Liverpool	64·2	51·2	56·9	53·0	1·87
Valencia	62·0	51·3	56·9	53·9	3·52
Roche's Point	66·1	51·5	56·8	53·6	3·36
Pembroke	61·2	51·8	55·4	53·2	2·07
Scilly	61·5	53·4	57·2	55·2	1·89
Hurst Castle	64·1	52·7	58·1	55·9	1·98
Dover	63·8	53·5	59·1	55·5	1·76
LONDON	70·0	50·7	59·5	55·3	2·24
Oxford	67·8	49·1	57·2	53·9	2·22
Cambridge	69·4	49·0	58·1	54·9	2·30
Yarmouth	62·6	51·7	57·2	54·4	2·12

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866-80.

REMARKS.

for Tuesday 30th June 1885, at 8 a.m.

The large depression which lay off the west of Norway yesterday has moved southeastwards while the smaller disturbance over France has disappeared, and the barometer is now rising at all but the Scandinavian and a few of our northwestern stations. The highest pressures are still found to the west of our Islands. Moderate WNW breezes prevail in Scotland as well as on the eastern shores of the North Sea, and fresh NE breezes on our southern coasts, but in Sweden the wind is light from S, while at Biarritz it blows a moderate gale from SW. The weather is fine at most of the English stations but cloudy or overcast elsewhere with rain at Charleville and Paris. In the course of the past twenty four hours slight rain has fallen on some parts of our northern coasts. Temperature has risen a few degrees in the west and north but fallen a little in the southeast, and readings now range from 62° at Prawle Point to 49° in the Shetlands. The sea is rather rough at Malin Head and Scilly, moderate to smooth elsewhere.

There is at present no sign of any important change in the weather.

ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 25th inst: in Long: 48° W.

FORECASTS

for the 24 hours ending at NOON on 1st July 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NWly winds, moderate; dull, rain locally	6 SCOTLAND WEST	Same as Nos 0 and 1.
1 SCOTLAND EAST	---------- Do ---------- Do ----------	7 ENGLAND N.W.	NWly and Nly winds, moderate, fair generally.
2 ENGLAND N.E.	Nly winds, moderate; fine generally.	8 ENGLAND S.W	Same as Nos 4 and 5
3 ENGLAND EAST	---------- Do ---------- Do ----------	9 IRELAND NORTH	Nly and NWly winds, fresh; fair generally.
4 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	---------- Do ---------- Do ----------
5 ENGLAND SOUTH	Nly and NEly winds, moderate; fair generally.	WARNINGS	None Issued.

Fredk Dangerfield, Lith. London, (131.)

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.93	58	53	SSE	1	o	3	Holyhead	30.10	56	52	N	6	b	5
Sumburgh Head	29.97	49	48	NN	3	r	3	Valencia	30.22	60	54	N	5	c	5
Stornoway	30.09	56	50	WNW	5	c	4	Scilly	30.00	59	55	NNE	6	c	4
Aberdeen	30.04	63	55	N	1	o	2	Dungeness	29.92	62	59	E	4	c	3
Shields	30.04	57	55	NE	2	o	2	London	29.96	63	56	NNE	3	c	*
Ardrossan	30.06	60	57	WNW	5	b	3	Yarmouth	29.96	57	54	NNE	4	c	3
Malin Head	30.19	54	50	NW	3	b	4	Jersey	29.89	57	55	ENE	4	o	4
Mullaghmore	30.21	55	51	N	5	ov	4	Rochefort	29.82	63	62	E	4	r	3
Belmullet	30.24	54	49	NW	2	o	*								

REMARKS.

The barometer continues to fall at our extreme northern stations, but is rising a little elsewhere. Very little change has taken place in the winds. The weather is fair in most places, but overcast skies are reported at some of our northern stations. The sea is rather rough at Holyhead and Valencia, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR JUNE 1885

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	+ YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
		Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
2nd	Corunna	*	*	*	*	*	30·09	-	69	65	-	ENE	3	b	4	72	52	-
4th	Corunna	*	*	*	*	*	30·02	-	64	63	-	NW	1	f	1	77	54	-
5th	Corunna	*	*	*	*	*	30·08	+ ·06	69	66	+ 5	SSE	2	be	4	72	54	-
"	Algoa	30·01	78	S	3	b	30·13	-	65	55	-	SSE	3	b	*	83	54	-
6th	Corunna	*	*	*	*	*	30·13	+ ·05	71	67	+ 2	ESE	1	b	4	75	54	-
8th	Corunna	*	*	*	*	*	30·04	- ·02	60	59	- 6	W	3	o	1	72	52	0·98
9th	Corunna	*	*	*	*	*	30·10	+ ·06	59	58	- 1	N	5	n	5	60	50	0·24
10th	Corunna	*	*	*	*	*	30·30	+ ·20	59	56	0	NE	5	o	5	64	52	-
11th	Corunna	*	*	*	*	*	30·26	- ·04	63	61	+ 4	NNE	5	f	5	64	52	-
12th	Corunna	*	*	*	*	*	30·14	- ·09	65	61	+ 2	ENE	1	b	4	68	?	-
17th	Corunna	*	*	*	*	*	30·08	-	59	58	-	?	1	f	6	64	52	-
18th	Corunna	*	*	*	*	*	30·19	+ ·11	62	60	-	NNE	1	b	6	64	50	-
20th	Corunna	*	*	*	*	*	30·23	- ·03	64	61	+ 1	S	3	f	4	68	52	-
24th	Corunna	*	*	*	*	*	30·19	-	65	62	-	NNW	1	n	2	73	54	-
26th	Cape Gris Nez	29·97	62	N	5	b	30·04	-	57	56	-	NNE	1	o	5	72	54	-
"	Corunna	*	*	*	*	*	30·02	-	59	58	-	ENE	1	n	4	64	50	-
27th	The Helder	-	-	-	-	-	30·26	+ ·19	55	51	0	?	3	b	3	59	54	-
"	Corunna	*	*	*	*	*	30·09	+ ·07	66	63	+ 7	NNW	1	b	3	70	48	0·08
"	Brussels	*	*	*	*	*	30·20	+ ·16	58	53	- 3	NE	3	o	*	73	55	-
29th	Corunna	*	*	*	*	*	30·08	·00	63	61	?	NNW	3	o	o	70	51	0·04
30th	Corunna	*	*	*	*	*	30·18	+ ·10	59	58	- 4	NNE	5	o	5	64	48	0·20
"	Toulon	29·89	68	W	4	c	29·86	- ·02	62	59	- 3	E	3	m	2	77	59	0·04

See page 4

SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC REPORTING

Observations are made

(The Stations are grouped in Districts, and then arranged in order of

Names of Districts	Names of Stations	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from observations made at 8 a.m.	Air Temperature: At 8 am.	Means of: Minima	Means of: Maxima	Means of: Min. and Max. combined	Absolute Extremes: Minimum	Absolute Extremes: Date	Absolute Extremes: Maximum	Absolute Extremes: Date	Tension of Vapour
		ins.	°	°	°	°	°		°		ins.
0. SCOTLAND, N.	Sumburgh Head ...	29·885	48·6	42·9	52·7	47·8	35	11th	56	5th, 13th, 14th + 31st	0·282
	Wick	29·937	53·1	43·8	58·3	51·1	35	26th	65	27th	·334
	Stornoway	29·939	50·8	44·2	56·2	50·2	36	10th	68	27th	·306
1. SCOTLAND, E.	Nairn...	29·963	53·0	46·9	61·4	54·2	39	7th + 17th	75	27th	·306
	Aberdeen	29·976	54·9	46·0	62·6	54·3	35	9th	77	12th	·312
	Leith	29·996	55·4	48·5	63·5	56·0	38	9th	74	12th	·327
2. ENGLAND, N.E.	Shields	30·013	55·4	47·8	60·9	54·4	41	10th + 27th	75	12th	·340
	York	30·040	55·7	47·9	66·0	57·0	38	27th	81	4th	·338
	Spurn Head	30·024	55·4	50·4	61·4	55·9	46	11th	80	4th	·382
3. ENGLAND, E.	Yarmouth	30·034	56·8	51·2	62·8	57·0	44	11th	79	5th	·372
	Cambridge	30·041	58·6	47·9	69·2	58·6	38	18th	85	4th	·382
4. MIDLAND COUNTIES.	Loughborough ...	30·050	57·1	48·7	68·2	58·5	37	11th	84	4th	·360
	Oxford	30·052	57·6	50·1	66·6	58·4	40	11th	81	4th	·359
5. ENGLAND, S.	London	30·047	59·4	51·3	69·2	60·3	42	18th	83	4th	·358
	Dungeness	30·029	57·5	52·2	63·6	57·9	42	12th	72	14th	·399
	Hurst Castle... ...	30·049	56·8	50·6	65·0	57·8	40	11th	75	14th	·411
6. SCOTLAND, W.	Ardrossan	30·016	53·6	47·6	59·3	53·4	38	10th	75	28th	·344
7. ENGLAND, N.W.	*Hawes Junction ..	28·832	52·0	43·8	59·0	51·4	37	10th	68	14th, 14th + 29th	·303
	Barrow-in-Furness ...	30·028	53·0	49·9	60·2	55·1	44	10th + 23rd	68	3rd	·340
	Liverpool Obs^y. (Bidston)	30·041	56·4	50·6	62·9	56·8	44	11th	77	30th	·319
	Holyhead	30·056	55·1	49·9	58·8	54·4	46	10th	67	28th	·366
8. ENGLAND, S.W.	Pembroke	30·030	54·1	50·5	58·9	54·7	45	2nd + 10th	68	13th	·338
	Prawle Point ...	30·055	56·6	50·6	61·2	55·9	45	11th + 12th	72	14th	·383
9. IRELAND, N.	Malin Head	30·023	52·0	48·5	56·9	52·7	46	10th, 24th + 25th	64	3rd + 12th	·333
	Donaghadee	30·048	53·8	47·4	60·2	53·8	37	23rd	72	12th	·366
	Mullaghmore ...	30·045	54·0	50·6	59·3	55·0	45	24th	66	28th	·324
	Belmullet	30·032	54·0	49·0	57·2	53·1	42	6th	66	27th + 28th	·332
10. IRELAND, S.	Parsonstown	30·069	54·4	45·9	63·7	54·8	37	10th	71	3rd, 11th + 28th	·338
	Valencia	30·084	56·2	49·2	61·0	55·1	41	6th	68	28th	·370
	Roche's Point ...	30·065	55·5	48·7	62·8	55·8	45	10th	68	28th + 29th	·350
CHANNEL ISLANDS.	Scilly (St. Mary's) ...	30·049	56·4	51·7	59·0	55·4	47	1st	66	13th	·385
	Jersey (Noirmont) ..	30·036	57·8	53·0	65·0	59·0	48	9th, 11th, 12th + 22nd	79	14th	·401

*Hawes Junction is 1135 feet above mean Sea Level and the

STATIONS in the BRITISH ISLANDS during the month of JUNE 1885.
at 8 a.m. daily.
Latitude, beginning in each case with the Station lying furthest North.)

Relative Humidity	Amount of Cloud	Rainfall: Total Fall in the month	Rainfall: Maximum Fall in one day	Rainfall: Date	Weather — No. of Days of: Rain	Snow	Hail	Thunderstorms	Clear Sky	Overcast	Gales	Wind — No. of observations of: North	N.E.	East	S.E.	South	S.W.	West	N.W.	Calms
%		ins.	in.																	
83	6·7	2·19	0·43	18th	20	0	0	0	6	11	0	2	2	0	1	5	4	12	4	0
82	7·2	1·76	0·26	19th	18	0	2	0	2	15	3	1	0	1	1	11	2	1	11	2
82	7·4	3·87	0·58	18th	24	0	2	0	4	15	4	2	0	1	2	7	3	9	5	1
76	5·9	1·17	0·19	18th + 19th	16	0	0	0	8	10	2	1	0	1	0	0	5	11	5	7
72	7·1	1·07	0·39	18th	10	0	0	0	3	12	3	5	0	0	1	4	5	5	6	4
74	6·4	0·46	0·12	24th + 28th	9	0	0	0	6	12	1	3	0	3	2	0	1	13	6	2
78	7·0	1·27	0·71	24th	7	0	0	0	5	14	0	5	5	2	0	3	9	4	1	1
76	6·1	2·48	0·56	23rd	9	0	0	0	10	13	0	8	3	2	2	4	2	6	3	0
87	4·4	1·16	0·39	8th	14	0	0	0	9	4	3	9	3	2	3	3	4	2	3	1
80	4·5	0·76	0·26	8th	10	0	0	0	13	4	2	7	4	1	3	1	3	4	4	3
78	4·9	2·47	1·41	8th	10	0	0	0	14	11	0	9	4	1	1	5	5	3	1	1
76	7·0	3·00	0·80	7th	9	0	0	0	3	13	6	4	5	2	1	2	4	5	5	2
76	5·3	1·55	0·40	8th	12	0	0	0	11	10	0	3	7	3	0	4	7	2	2	2
71	5·3	2·00	1·04	8th	10	0	0	0	11	11	0	2	5	5	2	3	7	3	2	1
84	4·4	1·12	0·55	7th	8	0	0	0	13	6	3	5	5	7	1	2	4	3	2	1
89	4·4	2·15	0·88	16th	12	0	0	0	11	3	1	1	11	6	0	1	4	5	2	0
83	6·5	0·91	0·18	18th	13	0	0	0	10	13	1	0	3	1	0	8	3	8	6	1
78	4·2	3·35	0·82	18th	11	0	0	0	13	7	0	4	6	2	0	4	4	7	3	0
84	5·5	1·07	0·19	18th + 24th	11	0	0	0	8	8	2	4	6	1	6	0	6	0	7	0
70	5·7	2·03	0·78	7th	9	0	0	1	8	11	0	4	2	4	6	3	1	5	4	1
84	5·5	1·42	0·36	7th	11	0	0	0	8	7	1	7	2	3	1	4	6	2	5	0
80	5·6	1·39	0·34	6th	11	0	0	0	10	11	2	8	4	5	1	3	3	2	2	2
83	5·3	1·8	0·35	6th	12	0	0	0	13	14	1	2	11	3	1	2	4	2	1	4
85	6·4	0·65	0·17	3rd	15	0	0	0	5	9	1	6	1	2	0	4	6	5	6	0
88	5·7	0·49	0·17	23rd	10	0	0	0	6	8	1	5	9	4	1	1	3	6	1	0
78	7·4	0·92	0·25	18th	13	0	0	0	1	9	3	4	3	2	1	2	9	4	4	1
79	5·3	1·45	0·40	4th	14	0	0	0	9	9	0	4	3	2	1	8	9	1	2	0
80	6·1	1·19	0·34	7th	8	0	0	0	8	13	0	4	4	0	1	2	3	3	4	9
82	7·4	1·46	0·37	4th	12	0	0	0	1	14	1	7	7	0	3	3	4	3	3	0
79	6·1	0·51	0·20	7th	7	0	0	0	7	10	1	11	3	4	2	3	3	2	2	0
85	6·7	1·30	0·72	23rd	10	0	0	0	6	14	3	6	7	6	1	5	1	2	2	0
83	6·1	1·12	0·61	16th	12	0	0	5	9	15	2	1	11	4	3	2	2	3	2	2

Barometric Observations at this station are not corrected for altitude

2. CORRECTIONS.

DATE.	STATIONS.	♦ YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
2nd	Leith	?30·18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mullaghmore	-	-	-	-	-	30·15	-·14	-	-	-	-	-	-	-	-	-	-
3rd	Dunbargh Hd 2pm	-	-	-	-	-	29·80	-	-	-	-	-	-	-	-	-	-	-
"	Belmullet 2pm	-	-	-	-	-	?29·71	-	-	-	-	-	-	-	-	-	-	-
4th	Belmullet 2pm	-	-	-	-	-	?29·60	-	-	-	-	-	-	-	-	-	-	-
5th	Belmullet	29·44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6th	Malin	29·64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	-
"	Stornoway 2pm	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
7th	Dunbargh Hd	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-
	Stornoway	-	-	-	3	n	29·92	-·03	-	-	-	N.	-	-	-	-	-	-
-	Holyhead	-	55	-	-	-	-	-	-	-	-	-	-	-	-	-	58	-
"	Yarmouth	-	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9th	Stornoway 2pm	-	-	-	-	-	-	-	-	-	-	NW	-	-	-	-	-	-
10th	Malin	-	-	-	-	-	30·42	+·39	-	-	-	-	-	-	-	-	-	-
11th	Ardrossan 2pm	-	-	-	-	-	30·32	-	-	-	-	-	-	-	-	-	-	-
12th	Stornoway	-	59	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-
"	Loughborough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	-	-
"	Passenstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-
13th	Hurst Castle	30·31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15th	Leith	-	-	-	-	-	30·10	-·04	-	-	-	-	-	-	-	-	-	-
17th	Dungeness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-
19th	York	-	-	-	-	-	29·64	-·24	-	-	-	-	-	-	-	-	-	-
"	Belmullet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No rain
"	Mullaghmore 2pm	-	-	-	-	-	-	-	-	-	-	NSW	-	-	-	-	-	-
21st	Loughborough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·09
"	Hurst Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No rain
22nd	Stornoway	-	-	-	-	-	-	-	-	-	-	SSW	-	-	-	-	-	-
"	Leith	-	-	-	-	-	-	-	-	-	-	SSW	-	-	-	-	-	-
-	Mullaghmore	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	0·01
23rd	Mullaghmore	29·89	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-
-	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-
-	Cambridge	?30·05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24th	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·10
"	Spurn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-
-	Loughborough	-	-	-	-	-	-	-	-	59	-	-	-	-	-	-	-	-
25th	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·08
26th	Ardrossan	?30·25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27th	Passenstown	-	-	-	-	-	30·38	-	-	-	-	-	-	-	-	-	-	-
-	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	-
-	Dungeness	-	-	-	-	-	30·24	-	-	-	-	-	-	-	-	-	-	-
28th	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51	-
29th	Leith	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-